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Fungal Cultures

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**Biological Integrated Pest Management Research  
Robert W. Holley Center for Agriculture & Health  
538 Tower Road  
Ithaca, New York 14853-2901 (USA)**

Catalog compiled  
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Includes 11802 isolates

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# New nomenclatural rules bring new challenges, and new taxonomic revisions for entomopathogenic fungi

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The previous (2007) version of this introductory material for ARSEF catalogs sought to explain some of the phylogenetical rationale for major changes to the taxonomy of many key fungal entomopathogens, especially those involving some key conidial and sexual genera of the ascomycete order Hypocreales. Phylogenetic revisions of the taxonomies of entomopathogenic fungi continued to appear, and the results of these revisions are reflected in the ARSEF catalog as quickly and completely as we can do so.

As many of people dealing with entomopathogenic fungi are already aware, there has been one still recent event that has a more far-reaching and pervasive influence whose magnitude still remains to be fully appreciated, but that leaves much of the mycological world (including insect mycology) semiparalyzed by uncertainty and worried about the extent and impacts of changes that still remain unformalized and, hence, a continuing subject for speculation and prediction. At the 2011 International Botanical Congress in Melbourne (Australia), however, a far-reaching nomenclatural revolution was imposed on the fungal world as the result of the abandonment of the existing dual nomenclatural standard that allowed separate, valid names for anamorphic and teleomorphic stages of pleomorphic fungi. This dual nomenclatural system was replaced by a new standard allowing only *one* correct name for any pleomorphic fungus regardless of how many morphs might have been previously and validly recognized for that fungus. The new rule (also known as One Fungus = One Name, or, even more concisely, 1F=1N) has deeply split mycologists into opposed camps greeting the new rules with either cheers or jeers. Whether one supports or opposes this change (for the record, I strongly object to this change), these basic points are indisputable and must be accepted (whether happily or not):

- Dual nomenclature is no longer recognized (now and for the indefinite future).
- 1F=1N is the **only** nomenclatural standard applicable for the nomenclature of pleomorphic fungi.
- The main impacts of 1F=1N are apparent at the rank of genera.
- After the competing possible names are evaluated, a **single** correct generic name will be chosen by decisions of committees as defined by the International Association for Plant Taxonomy (IAPT) which oversees the ***International Code of Nomenclature for algae, fungi and plants (ICN; McNeill et al. 2012*** or online at <http://www.iapt-taxon.org/nomen/main.php>).
- The use of the specified correct names, once fully confirmed, is obligatory and **must** be followed because all such names will be treated as if they have been conserved against all possible alternative names.
- Other taxonomic changes (especially below the generic level)—e.g., when the chosen correct generic name is of a different gender from that which it replaces, specific epithets must be changed to reflect the newer generic gender as when *Paecilomyces farinosus* became *Isaria farinosa*.

**Table 1. UPDATES for probable outcomes under 1F=1N standards for which genera of entomopathogens in Hypocreales are likely to be treated as ‘correct’ (in boldface) that differ (where underlined) from what was suggested in Humber’s (2012) poster presented at the SIP meeting in Buenos Aires, AR.**

<b>Family Clavicipitaceae</b> Humber (2012)	<i>Metarhizium</i> (synonyms: <i>Metacordyceps</i> , <i>Nomuraea</i> , <i>Pochonia</i> , <i>Rotiferophthora</i> , etc.) <i>Aschersonia</i> (synonym: <i>Hypocrella</i> ) Other aschersonioid genera; <b><i>Moelleriella</i>, <i>Orbiocrella</i>, <i>Regiocrella</i>, <i>Samuelsia</i></b>
Updated (see Kepler et al. 2014)	<i>Metarhizium</i> (synonyms: <i>Chamaeleomyces</i> , <i>Metacordyceps</i> , <i>Nomuraea</i> ) <b><i>Pochonia</i></b> <b><i>Metapochonia</i></b> <b><i>Rotiferophthora</i></b> <i>Aschersonia</i> (synonym: <i>Hypocrella</i> ) Other aschersonioid genera; <b><i>Moelleriella</i>, <i>Orbiocrella</i>, <i>Regiocrella</i>, <i>Samuelsia</i></b>
<b>Family Cordycipitaceae</b> Humber (2012)	<i>Cordyceps</i> (synonyms: <i>Beauveria</i> , <i>Isaria</i> , <i>Lecanicillium</i> , <i>Evlachovaea</i> , <i>Microhylum</i> , <i>Simplicillium</i> , etc.) <b><i>Torrubiella</i></b> (synonyms: <i>Akanthomyces</i> , <i>Gibellula</i> , <i>Granulomanus</i> , <i>Pseudogibellula</i> ) <b><i>Ascoplyporus</i></b> <b><i>Conidiocrella</i></b> <i>Cordyceps</i> (possible synonyms: <i>Torrubiella</i> <sup>1,2</sup> , <i>Lecanicillium</i> <sup>1</sup> ) <b><i>Beauveria</i></b> <b><i>Gibellula</i></b> (synonym: <i>Granulomanus</i> ) <b><i>Isaria</i></b> (synonym: <i>Evlachovaea</i> ) <b><i>Ascoplyporus</i></b> <b><i>Conidiocrella</i></b>
Updated probable choices:	<b><i>Elaphocordyceps</i></b> (synonym: <i>Tolypocladium</i> ) <b><i>Ophiocordyceps</i></b> (synonyms: <i>Hirsutella</i> <sup>3</sup> , <i>Hymenostilbe</i> , <i>Paraisaria</i> , <i>Sorosporella</i> , <i>Syngliocladium</i> ) <b><i>Elaphocordyceps</i></b> (synonym: <i>Tolypocladium</i> ) <b><i>Ophiocordyceps</i></b> (synonyms <i>Hirsutella</i> <sup>3</sup> , <i>Hymenostilbe</i> , <i>Paraisaria</i> , <i>Sorosporella</i> , <i>Syngliocladium</i> ) <b><i>Polycephalomyces</i></b> (see Kepler et al. 2012)
<b>Family Ophiocordycipitaceae</b> Humber (2012)	
Updated probable choices:	

<sup>1</sup> Separate status or synonymy depends on more complete determination for status of type species.

<sup>2</sup> As traditionally defined, a polyphyletic group with spp attributable to all clavicipitoid families; see Johnson et al. 2009.

<sup>3</sup> May be recognized as separate from *Ophiocordyceps* but status and circumscription still undetermined.  
**IMPORTANT NOTE:** If not treated as a separate genus, *Hirsutella* might be recognized as a correct name to replace the younger generic name *Ophiocordyceps*.

- Some very familiar, cherished generic names will disappear, and the traditional generic circumscriptions for pleomorphic fungi will expand and be revised to reflect all phylogenetically related morphs for their included taxa.

**How correct names will be chosen:** The ultimate selection of correct names over all possible competing names will depend on a number of sequential actions by a significant number of persons in a series of committees, and will be subject to all of the difficulties that routinely accompany committee actions. The exact set of actions that will be occurring still remain uncertain in many quarters. For fungi in the Hypocreales (the entomopathogens most affected by the new rule and also raising the greatest concerns for insect pathologists), there is a world-wide group of mycologists with strong taxonomic/systematics expertise who

will consider the demonstrated phylogenies of these fungi, assemble lists of generic names that appear to apply to monophyletic groups of taxa, and that will formally propose a set of choices of correct genera (and their synonyms) to the IAPT's Nomenclature Committee for Fungi. Once this committee has cast their votes to accept (or to modify) any of the proposed choices, the lists of accepted and rejected names will be sent forward to the General Committee of the IAPT for ratification, and then to the Nomenclature Session of the next International Botanical Congress (the next such meeting will be in 2017, in Beijing; any reports from the Committee for Fungi that miss the deadlines for this next Congress would be passed on to the following Congress in 2023 (wherever that may be held). No nomenclatural changes or decisions of any type become completely official until they have been accepted by majority votes during the Nomenclature Session at an International Botanical Congress and then ratified by a plenary vote of the Congress participants at that Congress. It is interesting to note that the only constitutive reason for holding any International Botanical Congress is actually for holding these Nomenclatural Sessions (before the main Congress) and the final, obligatory vote on the acceptance of the report from the Nomenclatural Session during the closing plenary session of the Congress.

The selection of which name among competing possibilities will be selected as correct is not entirely arbitrary, but it is also necessary to remember that it will be a matter of consensus opinion among the members of the committees that will consider the proposals coming to them. The criteria that are supposed to be used for ultimately choosing the names that will be used are to be based in the first place on priority of publication (which name is the oldest available name). There is no longer any automatic preference in the Code to choose names as correct that are typified by teleomorphs; names for conidial and sexual states are to be treated on an equal basis for purposes of selecting the correct name.

It is apparent that even now (early in 2014), there is still a great deal of uncertainty among mycologists about exactly how to handle names of pleomorphic fungi during this transitional period from the defunct dual nomenclatural system to the new rule. [Hawksworth \(2012\)](#) provides what may be the most comprehensive opinion about how to proceed from this point, but it is only one opinion about how the mechanics should proceed.

Changes to the International Code of Nomenclature (ICN) for botanical and related taxa are supposed to result in greater stability and predictability for the names of organisms covered by these rules. Whether the newly adopted rules do this remains a source of active and heated controversy. It probably is fair to say that a new stability will be an eventual result of these new rules, and that within another decade many of the fundamental arguments about the value of these changes will have been settled. I will note that the names for the entomopathogenic hypocrealean fungi (which comprise the vast majority of fungi in the ARSEF culture collection) are among the fungi most drastically affected by this dramatic change in the ICN rules. While nomenclatural stability will eventually come, it will still be a number of years before that stabilization process has been completed and before the resulting changes are fully incorporated into the scientific literature. It is probable that all or, at least, the great majority of the basic changes outlined here will be ready for final ratification during the 2017 International Botanical Congress in Beijing.

Just as there is enormous confusion and controversy still about whether the abandonment of dual nomenclature for the 1F=1N rule was a good and necessary change or will prove to be a superfluous and destructive catastrophe, there are many analyses covering a range of opinions from opposed to and troubled by the change (e.g., [Korf 2005](#) precedes the adoption of the new rules but raises important and pertinent issues; [Gams et al. 2011, 2012](#)) to those who seem to be cautiously and a bit vigilently supportive (e.g., [Braun 2012](#)) to those leading full-throated cheers for these changes ([Hawksworth 2011; Hibbett & Taylor 2013](#)) to even a suggestion that the naming of fungi may cause more problems than it solves ([Money 2013](#)).

**ARSEF responses to taxonomic revisions:** The identifications in the ARSEF catalog have always incorporated new taxa and appropriately revised classifications as soon as the collection staff can confirm the correct new identifications for ARSEF holdings. We make every attempt in the catalog to note specifically when those identifications are based on genomic sequence data. For taxa where extensive molecular revisions have occurred, those isolates with genetically confirmed identifications—for example, for isolates of *Beauveria bassiana* and *Metarhizium anisopliae* in their molecularly redefined, phylogenetically narrowed,

strict senses (*sensu stricto*)—are listed in the catalog as these species; isolates that have not been molecularly confirmed are placed in separate listings for these species in their broad senses (*sensu lato*).

## GENERAL AND PHYLOGENETIC RECLASSIFICATIONS OF FUNGI

The results of a global cooperative effort involving dozens of mycologists (including the curator of this collection) to reclassify the fungi according to phylogenetically sound principles based on the DNA sequence data for multiple genes has recently resulted in the publication of two monumentally important publications that completely rework mycological systematics. The earlier publication was a phylogenetic overview of virtually all fungi (James et al. 2006). The second publication (Hibbett et al. 2007) provided many of the necessary taxonomic readjustments that were indicated by the phylogenetic studies. The ITS gene sequence has been adopted as a supposedly universal biological bar code gene (Schoch et al. 2012) because of its wide usefulness for a vast range of fungi; however, reality has consistently indicated that the ITS sequence has very little usefulness for the identification of fungi in some important groups of ascomycete (**especially including** taxa in the order Hypocreales). As is noted here, however, there have been many later phylogenetic studies that are important for the taxonomy and systematics of entomopathogenic fungi. Some of these major studies involving entomopathogens from the order Hypocreales are listed here by anamorphic or teleomorphic generic name:

*Beauveria* — Rehner et al. 2011

*Fusarium* — O'Donnell et al. 2012

*Metarhizium* — Bischoff et al. 2009; Kepler & Rehner 2013; Kepler et al. 2014

*Metacordyceps* — Kepler et al. 2012

*Polycephalomyces* — Kepler et al. 2013

## FLAGELLATE FUNGI AND FUNGAL ALLIES

The removal of the Oomycetes (biflagellate watermolds whose zoospores have one whiplash and one tinsel flagellum) from the true fungi to the class Peronosporomycetes in the kingdom Straminipila (also known as kingdom Chromista) has been widely accepted within mycology for several decades now. There are, however, a small number of watermolds that produce uniflagellate zoospores (with a single posterior whiplash flagellum) that have traditionally been treated in the Chytridiomycota. The massive phylogenetic review of fungi (James et al. 2006) known under the All-Fungal Tree of Life (AFTOL) Project resulted indicated that a large group of taxa—including the entomopathogenic genera Coelomomyces, Coelomycidium, and Myiophagus—needed to be removed from the Chytridiomycota; these semi-terrestrial chytrids with golden-brown resistant sporangia and complex life histories were reclassified by Hibbett et al. (2007) into the newer kingdom Blastocladiomycota.

## ENTOMOPHTHOROMYCOTA: A NEW PHYLUM

The phylogenetically driven reclassification of all fungi (Hibbett et al., 2007) resulted in the abandonment of the phylum Zygomycota (as well as the subphylum Zygomycotina and class Zygomycetes) because these long-recognized taxa were finally proven to be distinctly polyphyletic. A series of subphyla not assigned to any phylum were described in Hibbett et al. (2007) while placing arbuscular mycorrhizal fungi (Glomales) in a clearly distinct phylum, Glomeromycota. Since that initial formal dispersal of zygomycete fungi, the new (still unassigned) subphylum Mortierellomycotina was described (Hoffmann et al. 2011). It was always understood that it was probable that further phylogenetic studies on these unassigned subphyla of zygomycetous fungi could eventually result in raising each of these subphyla to phylum ranking. In the case of the Entomophthoromycotina, these ‘missing’ phylogenetic studies have been completed in a sufficiently convincing manner (Gryganskyi et al. 2012a,b) to support the description of the phylum Entomophthoromycota (Humber 2012) with a new and phylogenetically revised classification of entomophthroid fungi into three classes (see Table 2).

**Table 2. Phylum Entomophthoromycota (Humber 2012).**

Class Basidiobolomycetes	
Order Basidiobolales	
Family Basidiolaceae	<i>Basidiobolus, Schizangiella</i> <sup>1</sup> , <i>Drechslerosporium</i> <sup>1</sup>
Class Neozygitomycetes	
Order Neozytigales	
Family Neozytidaceae	<i>Neozygites, Apterivorax, Thaxterosporium</i>
Class Entomophthoromycetes	
Order Entomophthorales	
Family Acanthostichaceae	<i>Ancylistes, Conidiobolus</i> <sup>2</sup> , <i>Macrobiotophthora</i>
Family Completoziaceae	<i>Completozia</i>
Family Entomophthoraceae	
Subfamily Entomophthoroideae	<i>Entomophthora, Entomophaga, Eryniopsis, Massospora</i> <sup>3</sup>
Subfamily Erynioideae <sup>4</sup>	<i>Erynia, Furia, Orthomyces, Pandora, Strongwellsea, Zoophthora</i>
Family Meristacraceae <sup>5</sup>	<i>Meristacrum, Tabanomyces</i>

<sup>1</sup> Genus with phylogenetic support but still awaiting formal description.

<sup>2</sup> Phylogenetic data indicate this genus must be revised and split.

<sup>3</sup> Subfamily Massosporoideae proposed by Keller & Petrini (2005) is not phylogenetically supported.

<sup>4</sup> Phylogenetic data support Zoophthora, but distinctions among other genera remain uncertain.

<sup>5</sup> Two previously included genera—*Ballocephala* and *Zygnemomyces*—have been excluded from Entomophthoromycota and reclassified in subphylum Kickxellomycotina (see Humber 2012).

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# **ARS COLLECTION OF ENTOMOPATHOGENIC FUNGAL CULTURES**

## **History and Purpose of the ARSEF Collection**

The goal of the ARS Collection of Entomopathogenic Fungal Cultures (ARSEF) is to provide fundamental support for basic and applied research on the fungal pathogens of invertebrates. Since its establishment in the early 1970s, this collection has served as a general research resource for the isolation, collection, preservation, and distribution of fungal strains from insects, other arthropods, and nematodes. Emphasis has always been placed on acquiring and distributing strains under active study for use as potential biological control agents. Basic research associated with the collection includes fungal systematics, fungal cytology, pathobiology, and methodology for fungal cryopreservation. The culture collection and its associated collection of microscope slides and herbarium specimens provide invaluable support for taxonomic research on and the diagnoses of fungal pathogens of invertebrates. Identification services for specimens and cultures have always been available free of charge to any laboratories requesting them.

We strive to provide users with pure and accurately identified fungal cultures., and the taxonomies applied to the fungi in this collection are continuously updated to reflect their current accepted classifications. The curator of the collection welcomes all correspondence about nomenclatural or taxonomic changes or possible misidentifications involving any ARSEF strains.

The ARSEF collection began as Richard Soper's research collection in the USDA-ARS laboratory at the University of Maine (Orono; UMO) where its cultures were at initially designated by a UMO or RS prefix before adopting ARSEF in 1985. In 1978, the ARS Insect Pathology Research Unit relocated to Ithaca, NY, to work with the Boyce Thompson Institute (BTI) on the Cornell University campus. The Insect Pathology Research Unit became the Plant Protection Research Unit (PPRU) in 1985, and was renamed in 2008 as the Biological Integrated Pest Management Research Unit (BioIPM). The ARSEF collection moved from BTI in 1990 into the US Plant, Soil & Nutrition Laboratory which was rededicated in 2008 as the Robert W. Holley Center for Agriculture & Health to commemorate Dr. Holley's work there to complete the first sequencing of any nucleic acid; he received the 1968 Nobel Prize for Medicine or Physiology for this work.

BioIPM operates the ARSEF culture collection for the USDA Agricultural Research Service; the collection is not now and has never been owned or controlled by the Boyce Thompson Institute. ARSEF is one of the largest germplasm collections in the ARS, and is widely recognized for its active support of research on fungal pathogens of invertebrates. ARSEF and its associated herbarium are registered under the ARSEF acronym since 1985 with the World Federation of Culture Collections' World Data Center on Microorganisms and the International Association of Plant Taxonomists' *Index Herbariorum*, respectively.

From 1977 through 2008, all strains in the collection were preserved by immersion in liquid nitrogen. A program to lyophilize those isolates that could tolerate such was begun in the 1990's, and has expanded in scope and pace. At the end of 2008 the vast majority of the collection was consolidated in a single large nitrogen dewar in a new facility adjacent to the current building. Requests for cultures are filled with either actively growing cultures on appropriate media or, if available, as freeze-dried units.

## **Identifying and Acknowledging ARSEF Strains in Publications**

We request that all publications using or referring to strains obtained from ARSEF acknowledge the U.S. Department of Agriculture, ARS Plant Protection Research Unit and state the ARSEF accession numbers of these strains. We would very greatly appreciate receiving reprints of all past, current, and future publications or even periodic notification about research in progress involving the use of ARSEF strains.

Accession numbers of strains from commercial culture collections such as the American Type Culture Collection (ATCC), Centraalbureau voor Schimmelcultures (CBS), CAB International Mycological Institute (IMI), and other registered general service collections are listed in this catalog to provide complete information about specific isolates. ***Representation of cultures obtained from ARSEF as being from ATCC, CBS, IMI or UAMH or other general service culture collections violates trademark laws, and persons doing so are subject to prosecution.*** Cultures received from ARSEF should be referred to by their ARSEF numbers only even if they are co-deposited in other other culture collections.

## Depositing and Exchanging Cultures

BioIPM and ARSEF encourage deposition of entomopathogenic fungal cultures in the ARSEF collection—particularly strains used in published studies—and of voucher and reference specimens to its herbarium. Depositors may reserve the right to limit redistribution of any culture deposited with ARSEF for specified times upon consultation with the curator. Depositors can receive subcultures of their own depositions at any time; these cultures do not affect any allowances of free cultures. Exchanges of cultures between ARSEF and other research or general collections of fungal cultures are encouraged and are not subject to numerical limits.

**Prior to shipping cultures from countries outside the United States** contact the Curator to obtain the appropriate needed importation permit from the U.S. Department of Agriculture, Animal and Plant Health Inspection Services, Plant Protection and Quarantine.

**When sending cultures and/or specimens to ARSEF, it is very important to include as much of the following information as possible:**

1. Scientific name (and taxonomic authority) of the fungus.
2. Common and scientific name (with taxonomic authority) of the host.
3. Order and family of the host. (***This information is especially important!***)
4. Date and site of collection.
5. Name of collector.
6. Date and name of isolator.
7. Any collection, accession, or other identifier number(s) applied by the collector or sender.
8. Medium on which a culture is sent.
9. Any special requirements or conditions for growth (such as medium, temperature, pH).

## Diagnostic Services for Cultures and Specimens

Specimens and cultures of unidentified fungi from invertebrates can be submitted to ARSEF for diagnosis. This service is an important function of the ARS Collections of Entomopathogenic Fungi and is provided without charge. Identifications and information about the disposition of specimens will be mailed to the sender.

## Release of ARSEF Cultures from Containment or Quarantine

Neither the curator nor any employee of ARSEF or of the Plant Protection Research Unit is entitled to authorize the release of any culture it provides from laboratory containment or quarantine in the United States or elsewhere. Recipients of ARSEF cultures are responsible for obtaining appropriate and necessary permissions from or for providing official notifications to State and Federal regulatory agencies.

## ORDERING INFORMATION

Please send all requests for isolates directly to the Curator (Richard A. Humber):

ARS Collection of Entomopathogenic Fungal Cultures  
Robert W. Holley Center for Agriculture & Health  
Tower Rd.  
Ithaca, NY 14853-2901

Telephone: [+1] 607 255-1276  
**OR**  
Fax: [+1] 607 255-1132  
Email: richard.humber@ars.usda.gov

### **Academic, Government, and Other Nonprofit Institutions**

1–5 isolates [up to 7 per calendar year]	<b>no charge</b>
6 or more isolates per order [8 or more per calendar year]	<b>US\$60 per strain</b>

Users from nonprofit institutions can receive up to five isolates without charge in any 6 month period, and up to seven cultures in any calendar year. Requests in excess of these limits may be charged at the rate of US\$60 per additional isolate requested. Requests from commercially sponsored research programs undertaken by nonprofit institutions are charged at the commercial rate and are not subject to numerical limits. Prices are subject to change without notice.

### **Commercial and Industrial Institutions**

**US\$85 per strain**

Nonprofit institutions working on commercially sponsored contractual projects (such as screening programs) are charged at the rate of US\$85 per strain requested. There are no limits on the numbers of cultures that can be requested or shipped. Prices are subject to change without notice.

Commercial or industrial firms supporting research at the ARS Plant Protection Research Unit are entitled to free access to cultures pertinent to contracted projects; all other requests are charged at the current rate.

## TERMS OF SHIPMENT

If necessary, billings for isolates are issued through the Boyce Thompson Institute. We encourage prepayment for isolates. *Checks or money orders for strains must be payable to the Boyce Thompson Institute* but sent directly to the curator of the ARS Collections of Entomopathogenic Fungi. Consult the curator of the collections with questions about fees due for any particular shipment.

**All recipients of cultures are strongly encouraged to provide express shipper account numbers** to allow shipping costs to be billed directly to recipients, thus assuring significant cost-savings to the ARSEF collection.

We request confirmation of receipt and viability of cultures shipped. Inviable strains will be replaced.

ARSEF reserves the right to refuse to ship isolates

- to recipients who cannot handle them using standard microbiological practices,
- to laboratories that cannot assure laboratory containment of isolates except after obtaining permissions from applicable State and Federal regulatory agencies, or
- if use of routine mailing or shipping procedures cannot assure the receipt of viable cultures.

Neither ARSEF, BiolPM, nor the Boyce Thompson Institute is liable for damages arising from the misidentification of strains.

## INTERPRETATION OF STRAIN ACCESSION DATA

The following examples provide a guide to the arrangement and interpretation of collection data included in this catalog.

### **Beauveria bassiana (Balsamo) Vuillemin**

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- 2828 M Feng (MD8903). *Metopolophium dirhodum* [Homoptera: Aphididae] on spring wheat. 21 Jul 89. USA: Parma, Idaho.**

2828	ARSEF accession number.
M Feng (MD8903)	Depositor and depositor's reference or accession number.
<i>Metopolophium dirhodum</i> [Homoptera: Aphididae]	Original host [host's order and family]
On spring wheat	The substrate on which the host was found
21 Jul 89	Date of accession or receipt by ARSEF.
USA: Parma, Idaho	Country of origin followed by the locality and state.

### **Conidiobolus thrombooides Drechsler**

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- 73 [CSIRO EM534; FPMI 28] RG Kenneth (3040)←ATCC (24419)←DM MacLeod←G Thoizon. *Rhopalosiphum insertum* [Homoptera: Aphididae]. Rec'd Jan 18 1976. France: Val-de-Marne, La Varenne.**

73	ARSEF accession number.
[CSIRO EM534; FPMI 28]	Alternative depositions of this strain in other culture collections.
RG Kenneth (3040)	Depositor and depositor's reference or accession number.
←ATCC (24419)←DM MacLeod ←G Thoizon	Culture provenance: RG Kenneth obtained the culture from ATCC, which received it from DM MacLeod, who received it from G Thoizon.
<i>Rhopalosiphum insertum</i> [Acari: Eriophyidae]	Original host [host's order and family]
Rec'd Jan 18 1976	Date of receipt by ARSEF.
France: Val-de-Marne, La Varenne	Country of origin followed by the locality and region.

### **Hirsutella thompsonii Fisher**

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- 137 [ATCC 24874; CBS 952.73] CW McCoy (Fla. 68). *Phyllocoptuta oleivora* [Acari: Eriophyidae]. Jan 1 1970. USA: Orlando, Florida.**

137	ARSEF accession number.
[ATCC 24874; CBS 952.73]	Alternative depositions of this strain in other culture collections.
CW McCoy (Fla. 68)	Depositor and depositor's reference or accession number.
<i>Phyllocoptuta oleivora</i> [Homoptera: Aphididae]	Original host together with the host's order and family.
Jan 1 1970	Date of accession or receipt by ARSEF. Note: January 1 is a default date if an exact date in a year is unknown; the first day of the month is the default if no specific day in a month is known.
USA: Orlando, Florida	Country of origin followed by the locality and state.

## ABBREVIATIONS

Information about the world's officially registered culture collections, their registered acronyms (e.g., ARSEF), and more is available from the CCINFO database and from other resources available at the website of the World Data Center for Microbiology <[http://wdcm.nig.ac.jp/WDCHomePage\\_text.html](http://wdcm.nig.ac.jp/WDCHomePage_text.html)>

ARSEF	ARS Collection of Entomopathogenic Fungi, USDA-ARS BioIPM Research Unit, Robert W. Holley Center for Agriculture & Health, Tower Rd., Ithaca, New York, 14853-2901, USA
ATCC	American Type Culture Collection, PO Box 1549, Manassas, Virginia 20108, USA
CATIE	Centro Agronómico Tropical de Investigación y Enseñanza, Proyecto UIP, Apdo. Postal 7170, Turrialba, Costa Rica.
CBS	Centraalbureau voor Schimmelcultures, Uppsalaalaan 8, 3584 CT Utrecht, The Netherlands
CCF	Culture Collection of Fungi, Department of Botany, Charles University, Prague, Czech Republic
CCFC	Canadian Collection of Fungus Cultures, Centre for Land and Biological Resources Research, Room 1015, K.W. Neatby Bldg., Ottawa, Ontario K1A 0C6, Canada
CDC	Centers for Disease Control and Prevention, Atlanta, Georgia 30333, USA
CENARGEN	Centro Nacional de Pesquisa de Recursos Genéticos e Biotecnologia, S.A.I.N. Parque Rural, C.P. 102372, 70770 Brasília, D.F., Brazil
CIRI	Corn Insects Research Unit, USDA-ARS, R.R. Box 45B, Ankeny, Iowa 50021, USA
CNPAF	National Center for Agricultural Research on Rice and Beans, EMBRAPA, Goiânia, Goiás, Brazil
CNPS	National Center for Agricultural Research on Soybeans, EMBRAPA, Londrina, Paraná, Brazil
CP	Strains isolated during joint US-Brazil program funded by US-AID to study fungal biocontrol of the insect pests of cowpeas
DAOM	National Mycological Herbarium, Centre for Land and Biological Resources Research, Agriculture Canada, Central Experimental Farm, Ottawa, Ontario, K1A 0C6, Canada
DAR	New South Wales Department of Agriculture, Rydalmer, NSW, Australia
EFCC	Korean Entomopathogenic Fungal Collection (JM Sung, Curator), Dept. of Agricultural Biology, Kangwon National University, Chuncheon, Rep. of Korea
FI	CSIRO Entomology Division, Collection of Entomopathogenic Fungi, Black Mountain Laboratories, Canberra, ACT, Australia. This collection, formerly curated by R. Milner, is now orphaned and is being transferred to ARSEF.
FPMI	Great Lakes Forestry Center (formerly Forest Pest Management Institute), 1219 Queen Street East, Sault Ste. Marie, Ontario P6A 5M7, Canada. This collection, formerly led by D MacLeod and D Tyrrell is orphaned and endangered. Its surviving isolates <i>may</i> be transferred to DAOM.
GCRI	Horticulture Research International (formerly, Glasshouse Crops Research Institute), Worthing Road, Littlehampton, W. Sussex BN17 6LP, England, UK
HACC	Hindustan Antibiotics Ltd., Pimpri, Poona, India
IMI	(Now incorporated in United Kingdom National Culture Collection [UKNCC]) CABI Bioscience, Bakeham Lane, Egham, Surrey TW20 9TY, UK

INRA	Station de Recherches de lutte Biologique et Biocoenotique, INRA (Institut National de la Recherche Agronomique), La Minière – 78280 Guyancourt, France
IPLB	Unité de Lutte Biologique, Institut Pasteur, 28 Rue de Dr. Roux, 75724 Paris, France
IRRI	International Rice Research Institute, P.O. Box 933, Manila, Philippines
KEFC	(see EFCC)
KSU	Kansas State University, Department of Entomology, Manhattan, Kansas 66506, USA
MAF	Ministry of Agriculture and Fisheries, Canterbury Agriculture and Science Centre, Ellesmere Junction Road, P.O. Box 24, Lincoln, New Zealand
MU	Miami University, Willard Sherman Turrell Herbarium, Department of Botany, 79 Upham Hall, Oxford, Ohio 45056, USA
NCTC	National Collection of Type Cultures, Public Health Laboratory Service, 61 Colindale Ave., London NW9 5HT, England, UK
NRRL	ARS Culture Collection, USDA-ARS National Center for Agricultural Utilization Research, 1815 N. University, Peoria, Illinois 61604, USA
PSU	The Pennsylvania State University, 211 Buckhout Laboratory, University Park, Pennsylvania 16802, USA
QEC	Queen Elizabeth College, University of London, Department of Biology, Campden Hill Road, London W8 7AH, England, UK
QM	U.S. Army Natick Laboratories (formerly, Quartermaster Research and Development Center), Natick Massachusetts. Note: This collection has been transferred to NRRL.
RSA	Rancho Santa Ana Botanic Garden, 1500 North College Ave., Claremont, California 91711, USA
SBI	Sugarcane Breeding Institute, Indian Council of Agricultural Research, Coimbatore – 641 007, Tamil Nadu, India
UAF	University of Arkansas, Edpartment of Entomology, 321 Agriculture Building, Fayetteville, Arkansas 72701, USA
UAMH	University of Alberta Microfungus Collection, Devonian Botanic Garden, University of Alberta, Alberta T6G 2H7, Canada

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## Host by Fungus

## Unidentified / Hyphomycetes *Acremonium alternatum*

### Unidentified / Hyphomycetes

- [Acari]
  - Unknown species 7374 10281
- [Araneida]
  - Unknown species 7345
- [Coleoptera]
  - Unknown species 8641
- [Coleoptera: Buprestidae]
  - Agrylus planipennis* 8155 8179 8183  
8184
- [Coleoptera: Coccinellidae]
  - Unknown species 5677
- [Coleoptera: Curculionidae]
  - Unknown species 2225 5695
- [Coleoptera: Scarabaeidae]
  - Cochliotis melolonthoides* 11666
  - Popillia japonica* 5223 5224 5225 5226  
5227
  - Rhizotrogus majalis* 2999
- [Diptera]
  - Unknown species 7078 10171
- [Hemiptera]
  - Unknown species 7392 7806
- [Hemiptera: Adelgidae]
  - Adelges tsugae* 9364 9366 12086 12087  
12088 12090
- [Hemiptera: Aleyrodidae]
  - Unknown species 9539
- [Hemiptera: Aphididae]
  - Unknown species 6503
- [Hemiptera: Cicadellidae]
  - Diuraphis noxia* 4689 4690
  - Recilia dorsalis* 277
- [Hemiptera: Coccoidae]
  - Parthenolecanium* 12085
  - Parthenolecanium corni* 9538
- [Hemiptera: Coccoidea]
  - Unknown species 7386
- [Hemiptera: Diaspididae]
  - Fiorinia externa* 7067
  - Lygus lineolaris* 6504
- [Hemiptera: Ortheziidae]
  - Ortheczia insignis* 7383
- [Hemiptera: Pentatomidae]
  - Acanthosoma labiduroides* 5698
  - Halyomorpha halys* 10386 10387 10392
- [Hemiptera: spf. Coccoidea]
  - Unknown species 7076 7081 7086
- [Hemiptera: Tingidae]
  - Leptopharsa heveae* 8640
- [Hymenoptera: Formicidae]
  - Unknown species 12027 12028 12029  
12030 12031 12041 12042 12043  
12044 12045 12047
- [Hymenoptera: Pamphiliidae]
  - Unknown species 7518
- [Isoptera: Termitidae]
  - Nasutitermes acajutlae* 7802
- [Lepidoptera]
  - Unknown species 9540
- [Lepidoptera: Arctiidae]
  - Hyphantria cunea* 12163 12164 12167  
12170 12171 12176 12178 12179  
12180 12181

### [Lepidoptera: Lymantriidae]

*Lymantria dispar* 4899 4900

### [Lepidoptera: Pyralidae]

*Galleria mellonella* 5199

### [Thysanoptera: Thripidae]

*Taeniothrips inconsequens* 10191  
10282 10283 10284 10285 10286  
10292 10293 10307

*Thrips tabaci* 3142

### [Tylenchida: Heteroderidae]

*Heterodera glycines* 5237 5238 5239  
5240 5241 5242 5243 5244 5245  
5246 5247 5248

### Unidentified / Zygomycetes

#### [Hemiptera: Aphididae]

Unknown species 6157 6158 6159 6507  
6508 6509 6510 6511

*Acyrthosiphon pisum* 6119 6160

*Aphis fabae* 2022

*Diuraphis noxia* 4970 4971

### Unidentified Entomophthorales sp.

#### [Diptera: Tipulidae]

Unknown species 7227 7228 7229 7230

### Unidentified sp.

#### [Acari: Ixodidae]

*Ixodes scapularis* 6895 6899

#### [Araneida]

Unknown species 1419 3209

#### [Coleoptera]

Unknown species 1634

#### [Coleoptera: Chrysomelidae]

*Leptinotarsa decemlineata* 3724

*Oulema melanopus* 3980

*Phyllotreta nigripes* 4037

#### [Coleoptera: Coccinellidae]

*Hippodamia convergens* 3821

#### [Coleoptera: Curculionidae]

*Aracanthus* 3478

*Sternechus subsignatus* 3471

#### [Coleoptera: Scarabaeidae]

*Aphodius tasmaniae* 4140

*Popillia japonica* 3714 3719 3722 3841

#### [Diptera]

Unknown species 1922

#### [Diptera: Culicidae]

*Anopheles* 2563

*Anopheles gambiae* 3380 3381

#### [Diptera: Psychodidae]

*Lutzomyia* 3123 3124 3378 3420 3421

3423 3424 3425 3427 3428

*Lutzomyia longipalpus* 3422

*Lutzomyia saulensis* 3413 3417 3419

*Lutzomyia trapidoi* 3426

#### [Diptera: Simuliidae]

Unknown species 3227 3228 3230 3231

3232 3233 3235 3236 3245 3246

3247

#### [Diptera: Tipulidae]

*Tipula* 9334

#### [Hemiptera]

Unknown species 1423

#### [Hemiptera: Adelgidae]

*Adelges tsugae* 9921

### [Hemiptera: Aleyrodidae]

Unknown species 4003 7070

*Bemisia* 3798 3799 3801 3802 3805  
3806 3807

*Bemisia tabaci* 3773 3779 3842 3844  
3845 3847 3849 3850 3869 3876

*Dialeurodes citri* 3304

### [Hemiptera: Aphididae]

Unknown species 1693 1694 3122 3125  
3894 4204 4214 4215

*Metopolophium dirhodum* 3368

*Myzus nicotinae* 3239

*Rhopalosiphum padi* 3374

### [Hemiptera: Cercopidae]

*Aeneolamia varia* 6370

*Prosapia simulans* 3536

*Zulia carbonaria* 6463 6466

### [Hemiptera: Cicadellidae]

*Empoasca fabae* 3128

### [Hemiptera: Membracidae]

Unknown species 4000

### [Hymenoptera: Apidae]

Unknown species 4844

### [Hymenoptera: Formicidae]

*Solenopsis invicta* 2640 3860

### [Hymenoptera: Ichneumonidae]

*Cratichneumon lanius* 1421

### [Lepidoptera: Geometridae]

*Hibernia defoliaria* 1415 1417

*Lambdina athasaria* 3567 3568 3569

### [Lepidoptera: Incurvariidae]

*Paraclemensia acericaulis* 3794 3796  
3797

### [Lepidoptera: Plutellidae]

*Plutella xylostella* 2821

### [Lepidoptera: Pyralidae]

*Cnaphalocrocis medicinalis* 1703

*Diatraea saccharalis* 3298 3299 3804

### [Lepidoptera: Riodinidae]

*Euselasia* 3467 3468

### [Lepidoptera: Yponomeutidae]

*Yponomeuta* 3998

### [Thysanoptera: Phlaeothripidae]

*Haplothrips tritici* 3990 3991 3992  
4201

### [Thysanoptera: Thripidae]

*Frankliniella occidentalis* 3570 3993  
3994 3997

*Taeniothrips inconsequens* 3319 3560

### [Trichoptera]

Unknown species 3242 3243

### Acremonium sp.

#### [Hemiptera: Adelgidae]

*Adelges tsugae* 5773

#### [Hemiptera: Aleyrodidae]

*Bemisia tabaci* 4058 4059

#### [Hemiptera: Coccidae]

*Pulvinaria iceryi* 11667

#### [Thysanoptera: Thripidae]

*Thrips tabaci* 4063

### Acremonium alternatum

#### [Coleoptera: Scolytidae]

*Hypothenemus hampei* 7282

<b>Acremonium bactrocephalum</b>	<b>Arthrobotrys oligospora</b>	<b>Ascospaera aggregata</b>
[Thysanoptera: Thripidae] <i>Taeniothrips inconsequens</i> 10166 10167 10168 10169	[Diptera: Anthomyiidae] <i>Delia floralis</i> 5561 5562 [Tylenchida: Heteroderidae] <i>Meloidogyne hapla</i> 4967	[Hymenoptera: Megachilidae] <i>Megachile rotundata</i> 689 690
<b>Acremonium berkeleyanum</b>	<b>Aschersonia sp.</b>	<b>Ascospaera apis</b>
[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2067	[Hemiptera] Unknown species 3015 [Hemiptera: Aleyrodidae] Unknown species 3014 4207 4208 4210 4433 4434 4435 4436 4437 4438 4439 4440 4441 4442 4443 4444 4445 4448 4449 5215 5216 <i>Dialeurodes citri</i> 2351 2357 2358 2397 2398 4424 4426 4430 4431 4432	[Hymenoptera: Apidae] <i>Apis mellifera</i> 691 692 2683 5142 6362 7405 7406
<b>Acremonium furcatum</b>		<b>Ascospaera arienoides</b>
[Coleoptera: Curculionidae] <i>Hypera postica</i> 1372		[Hymenoptera: Megachilidae] <i>Megachile</i> 5143
<b>Acremonium psammosporum</b>	<b>Aschersonia atra</b>	<b>Ascospaera atra</b>
[Thysanoptera: Thripidae] <i>Thrips tabaci</i> 4062	[Hemiptera: Coccoidea] Unknown species 10276 [Hemiptera: spf. Coccoidea] Unknown species 7085	[Hymenoptera: Apidae] <i>Apis mellifera</i> 5147
<b>Acremonium roseum</b>	<b>Aschersonia aleyrodis</b>	[Hymenoptera: Megachilidae] <i>Megachile rotundata</i> 693
[Lepidoptera: Noctuidae] <i>Pseudoplusia ni</i> 1964	[Hemiptera: Aleyrodidae] Unknown species 430 432 4209 <i>Aglaia odoratissima</i> 2154 <i>Dialeurodes ?citri</i> 341 342 <i>Dialeurodes citri</i> 992 9535 <i>Trialeurodes vaporariorum</i> 2268	
<b>Acremonium(?) sp.</b>	<b>Aschersonia andropogonis</b>	<b>Ascospaera duoformis</b>
[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 9368	[Hemiptera] Unknown species 7391	[Hymenoptera: Apidae] <i>Apis mellifera</i> 5141
[Hemiptera: Coccidae] Unknown species 7036	<b>Aschersonia goldiana</b>	<b>Ascospaera flava</b>
[Thysanoptera: Thripidae] <i>Frankliniella occidentalis</i> 7031	[Hemiptera: Aleyrodidae] <i>Dialeurodes ?citri</i> 343	[Hymenoptera: Megachilidae] <i>Megachile</i> 5144
<b>Acrodontium crateriforme</b>	<b>Aschersonia insperata</b>	<b>Ascospaera larvis</b>
[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2070	[Hemiptera: Aleyrodidae] <i>Dialeurodes citri</i> 2356 2396	[Hymenoptera: Megachilidae] <i>Megachile rotundata</i> 7945 7946
<b>Akanthomyces clavatus</b>	<b>Aschersonia placenta</b>	<b>Ascospaera major</b>
[Hymenoptera: Formicidae] <i>Solenopsis invicta</i> 7577	[Hemiptera: Aleyrodidae] <i>Dialeurodes citri</i> 7603	[Hymenoptera] Unknown species 694
<b>Akanthomyces gracilis</b>	[Hemiptera: Coccoidea] Unknown species 7604	<b>Ascospaera proliperda</b>
[Hymenoptera: Formicidae] <i>Paltothyreus tarsatus</i> 2910 2919	<b>Aschersonia rhombispora</b>	[Hymenoptera: Megachilidae] <i>Megachile centuncularis</i> 695 <i>Megachile rotundata</i> 696 6363
<b>Amoebidium appalachense</b>	[Hemiptera] Unknown species 7390	<b>Ascospaera solina</b>
[Diptera: Chironomidae] <i>Chironomus</i> 9181 9255 9256	<b>Aschersonia turbinata</b>	[Hymenoptera: Colletidae] Unknown species 5146
<b>Amoebidium parasiticum</b>	[Hemiptera]	<b>Ascospaera subcuticulata</b>
[Cladocera] Unknown species 9182 9257	[Unknown species 1030]	[Hymenoptera: Megachilidae] <i>Chalicodoma</i> 5145
[Diptera: Chironomidae] <i>Chironomus</i> 9183	[Hemiptera: Diaspididae] <i>Aonidiella aurantii</i> 11868 11869	<b>Aspergillus sp.</b>
<b>Aphanocladium sp.</b>	<b>Ascopolyphorus philodendrus</b>	[Acari: Ixodidae] <i>Ixodes scapularis</i> 6604 6898
[Hemiptera: Delphacidae] <i>Delphacodes kuscheli</i> 8457 8458	[Hemiptera: Coccoidea] Unknown species 7354	[Blattodea: Blattellidae] <i>Supella longipalpa</i> 8284
<b>Aphanocladium album</b>	<b>Ascopolyphorus villosus</b>	[Coleoptera: Chrysomelidae] <i>Leptinotarsa decemlineata</i> 6571
[Araneida: Araneae] Unknown species 6492	[Hemiptera: Coccoidea] Unknown species 7355	[Coleoptera: Curculionidae] <i>Anthonomus grandis</i> 7048
[Coleoptera: Curculionidae] <i>Hypera postica</i> 1329	[Hemiptera: Pentatomidae] <i>Dolycorus</i> 6405 6406 6408	[Hemiptera: Aleyrodidae] <i>Bemisia tabaci</i> 3698
[Hemiptera: Aleyrodidae] <i>Bemisia tabaci</i> 3680	[Hemiptera: Cercopidae] <i>Aeneolamia varia</i> 6369	[Hemiptera: Delphacidae] <i>Sogatella furcifera</i> 8519
[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5756	[Hemiptera: Pentatomidae] <i>Nezara viridula</i> 8280	[Hemiptera: Scutelleridae] <i>Eurygaster</i> 6399
<b>Aphanomyces sp.</b>	<b>Ascospaera sp.</b>	[Hymenoptera: Formicidae] Unknown species 12050 12051
[Dorylaimida: Longidoridae] <i>Xiphinema americanum</i> 2005	[Hymenoptera: Superfamily Apoidea] Unknown species 7368	

## Host by Fungus

*Aspergillus* sp.  
*Beauveria* sp.

[Hymenoptera: Megachilidae] <i>Megachile rotundata</i> 6364	<b>Aspergillus ochraceus</b> [Acar: Ixodidae] <i>Ixodes scapularis</i> 3325	<b>Batko sp.</b> [Coleoptera: Cantharidae] Unknown species 5810
[Isoptera: Termitidae] Unknown species 8633	[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5722	[Diptera: Drosophilidae] <i>Drosophila suzukii</i> 12251
[Lepidoptera: Noctuidae] <i>Rachiplusia nu</i> 5205	[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2833	[Hemiptera: Aphididae] <i>Acyrhosiphon pisum</i> 3131
[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 2765 2817 2820		[Lepidoptera: Lasiocampidae] <i>Malacosoma disstria</i> 7370
[Orthoptera: Acrididae] <i>Melanoplus</i> 1152		[Lepidoptera: Noctuidae] <i>Panolis flammea</i> 6179
<b>Aspergillus clavatus</b> [Hemiptera: Aphididae] <i>Myzus persicae</i> 4359	<b>Aspergillus ochraceus(?)</b> [Hymenoptera: Formicidae] <i>Solenopsis invicta</i> 7027	<b>Batko apiculata</b> [Diptera: Sciaridae] Unknown species 919 927 1660 1661
[Hemiptera: Pseudococcidae] <i>Phenacoccus solenopsis</i> 9375		<i>Bradyia paupera</i> 3225 3226
<b>Aspergillus flavus</b> [Coleoptera: Cerambycidae] <i>Anoplophora glabripennis</i> 6469	<b>Aspergillus parasiticus</b> [Coleoptera: Curculionidae] Unknown species 2173	[Hemiptera: Aphididae] <i>Acyrhosiphon kondoi</i> 839
[Coleoptera: Scarabaeidae] <i>Pachnoda interrupta</i> 6454	[Lepidoptera: Pyralidae] <i>Eoreuma loftini</i> 5470	<i>Acyrhosiphon pisum</i> 2504 3130 3136 3140
[Coleoptera: Tenebrionidae] <i>Tenebrio molitor</i> 9381		<i>Brevicoryne brassicae</i> 1146
[Diptera: Bombyliidae] Unknown species 3430	<b>Aspergillus sydowii</b> [Alcyonacea: Gorgoniidae] <i>Gorgia ventalina</i> 8379 8380 8381 8382	<i>Macrosiphum euphorbiae</i> 174
[Diptera: Sarcophagidae] <i>Neobullieria citellivora</i> 3144		<i>Myzus ascalonicus</i> 67
[Hemiptera: Pseudococcidae] <i>Phenacoccus solenopsis</i> 9376	<b>Aspergillus tamarii</b> [Lepidoptera: Gelechiidae] <i>Phthorimaea operculella</i> 4127	<i>Myzus persicae</i> 129
[Hymenoptera: Formicidae] <i>Anoplolepis longipes</i> 2157 2158 2159		<i>Rhopalosiphum maidis</i> 3088 3091
[Lepidoptera: Bombycidae] <i>Bombyx mori</i> 1003 1010	<b>Barbatospora ambicaudata</b> [Diptera: Simuliidae] <i>Simulium vandalicum</i> 9020	<i>Rhopalosiphum padi</i> 3080 5994
[Lepidoptera: Gelechiidae] <i>Phthorimaea operculella</i> 4126		[Hemiptera: Cicadellidae] Unknown species 5552
[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 2818	<b>Basidiobolus sp.</b> [Anura: Bufonidae] <i>Bufo bufo</i> 9894 9895 9896 9897 9898 9899 9906 9907 9908	[Hymenoptera] Unknown species 395
<b>Aspergillus flavus(?)</b> [Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 5503 5504 5505 5506 5507 5508 5509	[Anura: Dendrobatidae] <i>Dendrobates leucomelas</i> 9888	<b>Batko gigantea</b> [Diptera: Tipulidae] <i>Tipula paludosa</i> 214 215 403
<b>Aspergillus nidulans(?)</b> [Coleoptera: Curculionidae] <i>Diaprepes abbreviata</i> 6515	[Anura: Discoglossidae] <i>Alytes</i> 9903 9904 9905 9909 9910 9911 9912	<b>Batko major</b> [Hemiptera: Aphididae] Unknown species 1427
<b>Aspergillus niger</b> [Hemiptera: Pentatomidae] <i>Dolycorus</i> 6407	[Anura: Microhylidae] <i>Discoglossus</i> 9900 9901 9902	[Hemiptera: Cicadellidae] <i>Emoiasca fabae</i> 2936 3102 3103
[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5721	[Anura: Ranidae] <i>Dyscophus guineti</i> 9887	<b>Batko papillata(?)</b> [Diptera: Simuliidae] Unknown species 7068
[Hymenoptera: Megachilidae] <i>Osmia lignaria</i> 6365	<i>Hylarana erythraea</i> 9890	<b>Beauveria sp.</b>
[Isoptera: Termitidae] <i>Nasutitermes acajutlae</i> 7797 7798 7799	<i>Hylarana glandulosa</i> 9892	[Araneida] Unknown species 7582
[Orthoptera] Unknown species 3143	<i>Hylarana labialis</i> 9891 9893	[Araneida: Aranae] Unknown species 5174 5187 6691
<b>Aspergillus niger(?)</b> [Diptera: Drosophilidae] <i>Drosophila</i> 7975	[Caudata: Salamandridae] <i>Triturus marmoratus</i> 9889	[Coleoptera] Unknown species 5697 5831 7595
	[Primates: Hominidae] <i>Homo sapiens</i> 273	[Coleoptera: Buprestidae] <i>Agrilus planipennis</i> 8110 8111 8112 8113 8116 8117 8119 8120 8121 8122 8123 8124 8125 8126 8127 8128 8129 8130 8132 8133 8134 8135 8136 8137 8138 8139 8140 8141 8143 8144 8145 8146 8147 8148 8149 8150 8151 8152 8153 8154 8156 8158 8159 8160 8161 8164 8166 8167 8168 8169 8170 8171 8172 8173 8174 8175 8176 8177 8178 8180 8181 8182 8185 8186 8187 8188
	<b>Basidiobolus haptosporus</b> [Diptera: Brachycera] Unknown species 1347	[Coleoptera: Chrysomelidae] <i>Basilepta fulvicornis</i> 8250
	[Primates: Hominidae] <i>Homo sapiens</i> 261 272	<i>Pachybrachis pallicornis</i> 547
	<b>Basidiobolus ranarum</b> [Lepidoptera: Lasiocampidae] <i>Dendrolimus spectabilis</i> 1139	

[Coleoptera: Coccinellidae] Unknown species 4853 5833 7591 <i>Coccinella septempunctata</i> 4027	<b>Beauveria amorpha</b> [Coleoptera: Cerambycidae] <i>Psacothaea hilaris</i> 1680	10457 10458 10459 10460 10461 10462 10463 10464 10465 10466 10467 10468
[Coleoptera: Curculionidae] Unknown species 7463 <i>Anthonomus grandis</i> 1835 <i>Hypera postica</i> 1327 <i>Shirahoshizo insidiosus</i> 1681	[Coleoptera: Curculionidae] <i>Premnomytes suturicollus</i> 1969 [Coleoptera: Scarabaeidae] <i>Adoryphorus coulonii</i> 4149 <i>Anomala costata</i> 1676 <i>Popillia japonica</i> 4990	[Coleoptera: Carabidae] Unknown species 952 1975 3386 6059 6099 6689 7241 7270 7581 <i>Amara familiaris</i> 4034 <i>Amara plebeja</i> 4031 <i>Bembidion lampros</i> 4032
[Coleoptera: Elateridae] Unknown species 7580	[Hemiptera: Cicadellidae] <i>Nephrotettix bipunctata cincticeps</i> 656	[Coleoptera: Cerambycidae] Unknown species 318 319 785 5072 6721 7251 7261 7266 7275 9442 <i>Anoplophora glabripennis</i> 6387 6390 6391 6393 7152 7153 7154 7155 7156 7157 7158 7159 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179 8412 8413 8414
[Coleoptera: Lampyridae] Unknown species 5186	[Hymenoptera: Formicidae] <i>Pogonomyrmex occidentalis</i> 7542 <i>Solenopsis</i> 2641	<i>Aromia moschata</i> 1559 1560 1561 1562 1563
[Coleoptera: Scarabaeidae] <i>Anomala cuprea</i> 1682 <i>Popillia japonica</i> 4390 4391 4392 <i>Xyloryctes jamaicensis</i> 2412	[Lepidoptera] Unknown species 6227 [Orthoptera: ?Gryllacrididae] Unknown species 6376 6577	<i>Dectes texanus</i> 6471 <i>Enaphalodes rufulus</i> 7404 <i>Moechotypa diphysis</i> 1678 <i>Monochamus alternatus</i> 1679 <i>Monochamus scutellatus</i> 7162 7163 <i>Ortholeptura valida</i> 5997 <i>Plectrodera scalator</i> 7160 7161 7165 <i>Psacothaea hilaris</i> 1041 <i>Tetropium fuscum</i> 11660
[Coleoptera: Scolytidae] <i>Dendroctonus micans</i> 9272 <i>Tomicus pimperda</i> 4909 4910 4911 4912 4913 4914 4915 4916 4917 4918	<b>Beauveria amorpha(?)</b> [Coleoptera: Cerambycidae] <i>Anoplophora glabripennis</i> 6827	[Coleoptera: Chrysomelidae] Unknown species 504 751 1971 7244 7247 7271 7272 8835 8836 10350 11844
[Hemiptera] Unknown species 11754	<b>Beauveria asiatica</b> [Coleoptera: Scarabaeidae] <i>Holotrichia parallelia</i> 4384 4474	<i>Cerotoma</i> 951 1458 1467 <i>Cerotoma arcuata</i> 731 732 756 931 934 2075
[Hemiptera: Membracidae] Unknown species 2164	<b>Beauveria australis</b> [Orthoptera: Acrididae] Unknown species 4580 4622	<i>Crimissa</i> 786 788 805 <i>Crimissa cruralis</i> 4001
[Hemiptera: Miridae] <i>Adelphocoris</i> 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1213 1214 1215 1216 1218 1219 1220 1221 1222 1224	<b>Beauveria bassiana</b> [Acar: Ixodidae] Unknown species 6967 <i>Ixodes scapularis</i> 6897	<i>Diabrotica</i> 721 946 947 948 949 950 956 982 2512 2938 2942 3219 3287
[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5686	[Acar: Varroidae] <i>Varroa destructor</i> 8255	<i>Diabrotica balteata</i> 3309 <i>Diabrotica barberi</i> 2579
[Hymenoptera: Apidae] <i>Apis mellifera</i> 7589	[Araneida] Unknown species 9446	<i>Diabrotica paranaensis</i> 739 752 758 809 937 938
[Hymenoptera: Formicidae] Unknown species 11743 11744 11745 11746 11747	[Araneida: Araneae] Unknown species 5172 5173 6690	<i>Diabrotica speciosa</i> 928 958 1060 1453 1454 1455 1456 1459 1460 1461 1462 1463 1464 1465 1466 1469 1470 1471 1472 1473 1475 1476 1954 1961 2511 2515 2520 2625 2626 8373
<i>Formica rufa</i> 7597 <i>Solenopsis invicta</i> 3859	[Artiodactyla: Bovidae] <i>Ovis aries</i> 7770	<i>Diabrotica undecimpunctata</i> 201
[Lepidoptera] Unknown species 2998 5832 7579 7586 7587 7594 7598 9596 11709	[Coleoptera] Unknown species 293 301 350 754 1980 3197 3198 3199 4382 5979 6559 6560 6692 6693 6695 6696 6697 7164 7470 7972 9444 10347	<i>Diabrotica virgifera</i> 2330 3111 <i>Diabrotica virgifera virgifera</i> 9297 9298 9299 9300 9301 9302
[Lepidoptera: Arctiidae] <i>Hyphantria cunea</i> 12168 12169	[Coleoptera: Anthribidae] <i>Araecerus fasciculatus</i> 413	<i>Galerucella</i> sp. 5465
[Lepidoptera: Bombycidae] <i>Bombyx mori</i> 1040	[Coleoptera: Bruchidae] <i>Caryedon serratus</i> 1186	<i>Galerucina</i> 2463
[Lepidoptera: Noctuidae] <i>Mocis</i> 590	[Coleoptera: Buprestidae] Unknown species 6499	<i>Leptinotarsa decemlineata</i> 149 252 317 340 344 353 384 505 506 507 509 510 534 535 1039 1079 1081 1106 1619 1620 1621 1622 1623 1624 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1721 1722 1723 1749 1750 1775 1776 1777 1778 1779 1780 1781 1982 2030 2031 2032 2695 2987 2988 2989 2990 2991 5286 5533 5534 5535
<i>Spodoptera frugiperda</i> 3289	<i>Agrilus planipennis</i> 8771 8772 8773 8774 10393 10394 10395 10396 10397 10398 10399 10400 10401 10402 10403 10404 10405 10406 10407 10408 10409 10410 10411 10412 10413 10414 10415 10416 10417 10418 10419 10420 10421 10422 10423 10424 10425 10426 10427 10428 10429 10430 10431 10432 10433 10434 10435 10436 10437 10438 10439 10440 10441 10442 10443 10444 10445 10446 10447 10448 10449 10450 10451 10452 10453 10454 10455 10456	
[Lepidoptera: Pyralidae] <i>Chilo infuscatellus</i> 1886		
<i>Galleria mellonella</i> 5078 7562 7563 7564 7565 7566 7567 7960 8675		
[Lepidoptera: Tortricidae] <i>Cydia pomonella</i> 6533 6534 6535 6536 6537		
[Orthoptera: Acrididae] Unknown species 32 4197		

5536 5537 5807 5813 6986 6987	<i>Rhynchosites aequatus</i> 8037	<i>Ips stenographus</i> 6900
6988 8998 9441	<i>Rhynchosites baccus</i> 8668	<i>Ips typographus</i> 7525 7526
<i>Lilioceris lilii</i> 5195	<i>Rhynchophorus ferrugineus</i> 6903	<i>Tomicus minor</i> 5071
<i>Maecolaspis monrosi</i> 2509	<i>Sitona</i> 1647 8077	[Coleoptera: Staphylinidae]
<i>Notonata</i> 3437 3438 3439 3441 3442	<i>Sitona discoideus</i> 816 1153 1154 1155	Unknown species 3112 4055
3444 3446 3447 3450 3451 3452	1163 1164 1171 1172 1173 1174	<i>Anotylus rugosus</i> 4051 4056
3455	1175 1176 1177 1178 1179 1180	<i>Anotylus sp.</i> 4046
<i>Odontota dorsalis</i> 5553	1181 1183 1185 1188 1189 1190	<i>Gyrohypnus angustatus</i> 4054
<i>Pyrrhalta luteola</i> 1509 1510 1511 1518	1191 1309 1311 1312 1313 1811	<i>Tachyporus sp.</i> 4028
1519	1815 1816 1817 1818 1819 1820	[Coleoptera: Tenebrionidae]
<i>Pyrrhalta viburni</i> 9449	1821	Unknown species 757 783 787 6057
<i>Systema</i> 2079	<i>Sitona humeralis</i> 1491	6064 6077 6078 6096 6113 6478
<i>Xanthogaleruca luteola</i> 5501	<i>Sitona lineatus</i> 1156 1157 1158 1159	6483
[Coleoptera: Chrysomelidae: Hispinae]	1160 1161 1162 1165 1167 1168	<i>Alphitobius diaperinus</i> 5836 5838 5839
Unknown species 8494	1169 1170 1182 1192 1193 1194	5840 5843 7941
[Coleoptera: Coccinellidae]	1306 4013 4015 4016 4019 4021	<i>Pterohelaeus darlingensis</i> 8065
Unknown species 6055 6061 6062 6063	4041	<i>Tenebrio molitor</i> 5623 8038
6074 6075 6092 6095 6111 6112	<i>Sitophilus</i> 7764 7773 7774	[Coleoptera: Adephaga]
11878	<i>Sternechus subsignatus</i> 1450	Unknown species 5672
<i>Coccinella</i> 2033 2034	[Coleoptera: Curculionidae: Apioninae]	[Collembola: Sminthuridae]
<i>Coccinella septempunctata</i> 2580 3534	<i>Cylas formicarius elegantulus</i> 5981	<i>Sminthurus viridis</i> 5853
4018	5982	[Dermaptera]
<i>Coleomegilla maculata</i> 1956	[Coleoptera: Elateridae]	Unknown species 796 5495 5496 5991
<i>Cyclonedra sanguinea</i> 2010 8372 8462	Unknown species 150 784 804 5670	7252
8463	[Coleoptera: Lagriidae]	[Dermaptera: Forficulidae]
<i>Hippodamia convergens</i> 4973 4974	<i>Lagria villosa</i> 2961	<i>Doru lineare</i> 8374 8465
4975	[Coleoptera: Lampyridae]	<i>Forficula africana</i> 5650 5651 5652
[Coleoptera: Cucujidae: Silvaninae]	<i>Cratomorphus diaphanus</i> 8464	<i>Forficula auricularia</i> 3018
<i>Ahasverus advena</i> 5857	[Coleoptera: Languriidae]	[Dictyoptera: Mantidae]
[Coleoptera: Curculionidae]	Unknown species 3457	Unknown species 7236 7238
Unknown species 930 1061 2040 3667	[Coleoptera: Nitidulidae]	[Diptera]
4052 6216 6217 7202 7466 7471	Unknown species 325	Unknown species 1962 2454 7269 8707
7769 7978 8520 8521 8522 8523	[Coleoptera: Pythidae]	8712 10141 10149
8524 8525 8526 8530 8705	<i>Pytho</i> 1854	[Diptera: Anthomyiidae]
<i>Anthonomus grandis</i> 1966 2559 2638	[Coleoptera: Rhizophagidae]	<i>Delia antiqua</i> 1864 1865 1866
2639 2945 2946 3097 7795	<i>Rhizophagus grandis</i> 1848	<i>Delia radicum</i> 1151 4012 6553 6555
<i>Anthonomus musculus</i> 3037	[Coleoptera: Scarabaeidae]	6563 6564 6568
<i>Apion</i> 4023	Unknown species 6058 6686 7264	<i>Pegoplatia aestiva</i> 8031
<i>Aracanthus</i> 753	<i>Adoryphorus coulonii</i> 4135 4136	[Diptera: Calliphoridae]
<i>Ceutorhynchus litura</i> 3403	<i>Ancognatha scarabaeoides</i> 2249 2250	<i>Calliphora</i> 1630
<i>Chalcodermus</i> 941 942 943 953	<i>Anomala cuprea</i> 1683	[Diptera: Ephydriidae]
<i>Chalcodermus aeaneus</i> 336 337 733 734	<i>Anoplognathus</i> 8763	Unknown species 6567
735 736 738	<i>Aphodius tasmaniae</i> 8079	<i>Scatella tenuicosta</i> 8245 8246 8247
<i>Conotrachelus nenuphar</i> 1016 8260	<i>Pachnoda interrupta</i> 6669 6676 6681	[Diptera: Muscidae]
8261 8262 8263	<i>Phyllophaga</i> 5740 5741 5742 5743 5744	Unknown species 1955 10142 11845
<i>Cosmopolites</i> 1833	5745	<i>Haematobia irritans</i> 5862 5864 5865
<i>Cosmopolites sordidus</i> 1483 4798 4799	<i>Popillia japonica</i> 3716 3717 5148 5150	5866
<i>Curculio caryae</i> 2676	<i>Rhopaea magnicornis</i> 4130 7813 8853	<i>Musca autumnalis</i> 1514
<i>Cyrtostomus castaneus</i> 2270	8854	<i>Musca domestica</i> 2953 5339 5340 5341
<i>Diaprepes abbreviata</i> 412 416 433	<i>Sericesthis nigrolineata</i> 7853	5342 5343 5344 5345 5346 5347
<i>Geraeus senilis</i> 3310 3311	[Coleoptera: Scolytidae]	5861 5863 7049 7940
<i>Heilipodus erythropus</i> 8461	Unknown species 1566 3040	[Diptera: Psychodidae]
<i>Hypera postica</i> 1389 1398 1399 1515	<i>Dendroctonus ponderosae</i> 1849 1853	<i>Phlebotomus papatasii</i> 2972
4038 4049	<i>Dryocoetes confusus</i> 1852 9184	[Diptera: Sciaridae]
<i>Listronotus oregonensis</i> 2983 2984	<i>Hypothenemus hampei</i> 1480 2685 2686	Unknown species 6566
2985 2986	2687 2688 2689 2690 2691 2692	[Diptera: Tachinidae]
<i>Metamasius</i> 842	2693 3440 3443 3445 3448 3453	Unknown species 1150
<i>Metamasius callizona</i> 5986	3818 3819 5436 5437 5438 5439	[Diptera: Tipulidae]
<i>Metamasius hemipterus</i> 2642	5440 5441 5442 5443 5444 5445	<i>Tipula paludosa</i> 6565
<i>Oryzophagus oryzae</i> 3098	5446 5447 5448 5449 5450 5451	[Hemiptera]
<i>Otiorhynchus ligustici</i> 6884 6885	5452 5453 5454 5455 5456 5457	Unknown species 5978 7583
<i>Otiorhynchus sulcatus</i> 815 1073 1074	5458 5459 5460 5477 5478 5479	[Hemiptera: Adelgidae]
1075 6552 7763 8078	5480 5481 5482 5483 5484 5485	<i>Adelges tsugae</i> 5170 5171 5767 5768
<i>Phlyctinus callosus</i> 8756 8757	5486 5487 5488 5489 5490 6526	5769 5770 5796 6027
<i>Premnotryes latithorax</i> 5983 5984	6527 6528 6529 6530 6531 6532	
<i>Premnotrypes vorax</i> 2248	7758 10471	

[Hemiptera: Aleyrodidae] <i>Bemisia tabaci</i> 4981 4982 4983 4984 5274 5275 5276 5277 5278 5279 5280 5281 5282 5283 5284 5285 5287 5288 5289 5290 5291 5292 5293 5294 5295 5296	[Hemiptera: Miridae] Unknown species 3449 3454 3456 <i>Adelphocoris</i> 1516 1517 1523 1524 1525 1526 1527 1528 1529 1531 1533 1534 1535 1536 1537 1538 1539 1540 1635 1636 1637 1638 1640 1643 1650 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800 1801	[Hymenoptera] Unknown species 7239 7254 7257 7259 7265
<i>Trialeurodes vaporariorum</i> 6920 6921 6922 6923 6924 69451	<i>Leptopterna dolabrata</i> 8036	[Hymenoptera: ?Megachilidae] Unknown species 957
[Hemiptera: Anthocoridae] <i>Anthocoris nemorum</i> 8028	<i>Liocoris tripustulatus</i> 8025	[Hymenoptera: Superfamily Apoidea] Unknown species 1468
[Hemiptera: Aphididae] Unknown species 3120 4523 4524	<i>Lygus</i> 886 1394 1395 1396 1397 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1520 1521 1648 1649 1802 1803 1804 1805 1806 1807 1808 1809 1810 1812 1813 1814 1822 2318 2319 2320 2321 2322 2458 2462	[Hymenoptera: Apidae] <i>Apis mellifera</i> 5989 7596 9447 <i>Bombus</i> 7201
<i>Diuraphis noxia</i> 2861 2864 2879 2882 3154 3155 3156 3157 3158 3166 3167 3168 3169 3215 3867 3890 3891 3892 3905 3906 3907 3908 4099 4100 4101 4106 4107 4108 4109 4110 4111 4112 4113 4114 4115 4116 4117 4118 4119 4120 4121 4462 4463 4464 4691 4692 4693 4694 4695 4696 4697 4976 4977 4978 4979 5705 6968 6969 6978 6979 6980	<i>Lygus</i> ? <i>lineolaris</i> 1317 1318 1319 1320 1321 1322 1323 1324 1325	[Hymenoptera: Diprionidae] <i>Diprion pini</i> 338
<i>Myzus persicae</i> 3385	<i>Lygus hesperus</i> 6660 6661	[Hymenoptera: Eurytomidae] <i>Bephratelloides cubensis</i> 2869
<i>Rhopalosiphum padi</i> 6970	<i>Lygus lineolaris</i> 3769 5808 8317 8889	[Hymenoptera: Formicidae] Unknown species 1960 2487 5069 7260 12023 12024 12025 12026
<i>Schizaphis graminum</i> 2336 2860 2880 2881 2883	<i>Lygus pratensis</i> 2461	<i>Atta</i> 1831 3285
[Hemiptera: Cercopidae] <i>Deois flavopicta</i> 806 3019	<i>Notostira elongata</i> 8029 8030	<i>Atta mexicana</i> 2484 2485 2486
<i>Zulia carbonaria</i> 6459	<i>Stenodema laevigatum</i> 8026	<i>Myrmica rubra</i> 7533 7534
<i>Zulia entreriana</i> 477	[Hemiptera: Nabidae] <i>Nabis</i> 1988	<i>Pogonomyrmex occidentalis</i> 7540 7541
[Hemiptera: Cicadellidae] Unknown species 945 7590 8710 8711 9443	[Hemiptera: Pentatomidae] Unknown species 737 944 1973 1974 1984 6722	<i>Solenopsis</i> 2722 2723
<i>Balacha melanocephala</i> 7464 7465 7467 7469 8370 8459 8460 8528 8529	<i>Acanthosoma labiduroides</i> 7240 7246 7273	<i>Solenopsis invicta</i> 2401 2402 2403 2404 5956 5957 5960 5961 5962 5967 5973 5974
<i>Molopopterus theae</i> 6982	<i>Aelia</i> 6093	<i>Solenopsis quinquecuspis</i> 5966 5968
<i>Nephrotettix bipunctata cincticeps</i> 708 1553 1554 1555 1556	<i>Dolycorus</i> 6404 6426	<i>Solenopsis saevissima</i> 5958 5963 5965 5969
<i>Nephrotettix cincticeps</i> 1098	<i>Euschistus heros</i> 1478	<i>Solenopsis xyloni</i> 5970 5971 5972
<i>Pawiloma victima</i> 8371	<i>Nezara viridula</i> 1054 1474 2011 2457 2516 4092 4093	[Hymenoptera: Formicidae: Myrmicinae] Unknown species 1976 1977 1978 1979
[Hemiptera: Cicadidae] Unknown species 2544 7256 7258 11712	<i>Oebalus poecilus</i> 2191	[Hymenoptera: Ichneumonidae] Unknown species 9448
[Hemiptera: Cixiidae] <i>Oliarus dimidiatus</i> 7776	<i>Podisus</i> 1457 2519	[Hymenoptera: Megachilidae] Unknown species 7377 7378
[Hemiptera: Coccoidae] Unknown species 6723	<i>Tibraca limbaticollis</i> 933 4091	[Hymenoptera: Pamphiliidae] Unknown species 7519 7520 7521
[Hemiptera: Coreidae] <i>Leptoglossus fulvicornis</i> 3086	[Hemiptera: Pseudococcidae] <i>Rhizoecus</i> 2236	[Hymenoptera: Pergidae] <i>Lophyrotoma zonalis</i> 8753
[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 654 679 709 714 717 719 2427 7592	[Hemiptera: Reduviidae] <i>Triatoma infestans</i> 7147	[Hymenoptera: subord. Symphyta] Unknown species 5985
[Hemiptera: Lygaeidae] Unknown species 8706	[Hemiptera: Rhopalidae] <i>Leptocoris</i> 560 566	[Hymenoptera: Vespidae] Unknown species 730 1953 2943 2944
<i>Blissus leucopterus</i> 792 2430	<i>Leptocoris oratorius</i> 1269 1270	<i>Polistes</i> 6513
<i>Nysius vinitor</i> 300	[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5665 5674 5725 5753 5762 6008 6009 6011 6013 6014 6016 6019 6039 6040 6041 6042 6056 6060 6065 6066 6067 6069 6070 6072 6073 6076 6079 6083 6086 6087 6088 6089 6090 6091 6115 6149 8932 10348 10349 10351 10352 10353 10354 10355 10356 10357 10358 10359 10360 10361 10362 11618 11619 11620	[Isoptera: Rhinotermitidae] <i>Coptotermes formosanus</i> 6906 6907 6908
<i>Scopostethus affinis</i> 8027	[Hemiptera: Tingidae] <i>Corythucha ciliata</i> 812	<i>Reticulitermes flavipes</i> 3041
[Hemiptera: Membracidae] Unknown species 3312 3999	<i>Leptopharsa heveae</i> 7984 8637 8638	[Lepidoptera] Unknown species 2633 2637 2857 6109 6557 7274 7585 7593 8709 9445 11708 11715 11716 11717 11719
<i>Kronides</i> 7468	[Heteroptera]	[Lepidoptera: Arctiidae] <i>Hyphantria cunea</i> 1564 12165
<i>Spissistilus festinus</i> 8318	Unknown species 4057	[Lepidoptera: Bombycidae] <i>Bombyx mori</i> 302 303 304 305 718 1007 2737 5704
[Hemiptera: Mesovelidiidae] <i>Mesovelia mulsanti</i> 320	[Heteroptera: Miridae] Unknown species 4035	
	<i>Lygus</i> sp. 4053	

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[Lepidoptera: Brassolidae] Brassolis sophorea 2619 6514	Eldana saccharina 5645 5653 5655	Melanoplus confusus 12208 12210 12211 12218
[Lepidoptera: Cossidae] Cossula cossus 1103 1104 1558	Galleria mellonella 1113 1114 5510 6147 6148 6556 6894 6904 6905 6931 6932 6933 6934 6935 6936	Melanoplus dawsonii 12220 12230 12237 12238
Zeuzera pyrina 1105	6937 6938 6939 6940 6941 6943	Melanoplus femur-rubrum 12204
[Lepidoptera: Danaidae] Danaus plexippus 7093 8891	6949 6950 6951 6952 6953 7060 7356 7357 7358 7359 7362 7364	Melanoplus infantilis 12231
[Lepidoptera: Eupterotidae] Unknown species 6984	7365 7552 7553 7554 7955 7956 7957 7958 7959 7963 7964 7965	Melanoplus sanguinipes 12197 12198 12199 12201 12202 12203 12205 12206 12212 12215 12216 12217 12222 12226 12227 12228 12229 12239
[Lepidoptera: Geometridae] Isturgia exerrariae 6973	7966 7968 8032 8033 8035 8039 8040 8339 8340 8343 8349 8354	Oxyops vitiosa 5987
[Lepidoptera: Hepialidae] Oncopera alboguttata 4589 4607 8493	8355 8431 8444 8661 8663 8664 8666 8667 8670 8672 8673 8674	Phoetaliotes nebrascensis 12219
Oncopera intricata 4258 4672	11613	Rhammatocerus schistocercoides 7983
[Lepidoptera: Hyblaeidae] Hyblaea puver 2597	Gymnancyla canella 6796	Schistocerca gregaria 5633 5634 5635 5636 5637 5638 5639 5640 5641 5642 5643
[Lepidoptera: Incurvariidae] Paraclemensia 11614 11615 11616 11617	Ostrinia nubilalis 501 502 533 652 1038 1121 2976	[Orthoptera: Catantopidae] Calliptamus italicus 8694 8697
Paraclemensia acerifoliella 5492	Terastia meticulosalis 1836	[Orthoptera: Gryllotalpidae] Gryllotalpa gryllotalpa 11688
[Lepidoptera: Lasiocampidae] Dendrolimus spectabilis 1677	[Lepidoptera: Saturniidae] Unknown species 843	Scapteriscus vicinus 5977
Malacosoma americanum 1	Opodiphthera eucalypti 8843	[Orthoptera: Tettigoniidae] Anabrus simplex 7379 7380
[Lepidoptera: Lymantriidae] Lymantria dispar 155 2054 2267 2570 2571 2572 2573 2831 3404 3527 3530 6205	Schirius 2962	[Orthoptera: Tettigonioidea] Unknown species 6234
Lymantria dissoluta 6233	[Lepidoptera: Sesiidae] Monopetalotaxis doleriformis 6974 6975 6976 6977 6981	[Perissodactyla: Equidae] Equus ferus caballus 7771 7772
[Lepidoptera: Lyonetiidae] Leucoptera coffeeella 6801 6802 6803 6804 6805 6806 6807 6808 6809	[Lepidoptera: Stenomatiinae] Stenoma decora 1479	[Primates: Hominidae] Homo sapiens 8601 8602
Leucoptera scitella 1115 1117	[Lepidoptera: Thaumetopoeidae] Thaumetopoea pityocampa 8356	[Thysanoptera: Phlaeothripidae] Haplothrips tritici 4200
[Lepidoptera: Noctuidae] Unknown species 1627 1628 1629	[Lepidoptera: Tortricidae] Unknown species 5169	[Thysanoptera: Thripidae] Unknown species 9927 11841 11846 11847 11848
Autographa gamma 2253 2254	Choristoneura 1850	Frankliniella occidentalis 3995 3996 9587 9588
Helicoverpa 8066	Cydia pomonella 151 1122 3972 3973 3974 3975 3977 3978 3979 5064 5066 5067 5229 5230 5231 5233 5234 5235 5886 5887 5888 6182 6184 6186 6187 6189 6191 6194 6195 6196 6201 6208 6209 7969	Taeniothrips inconsequens 10138 10139 10140 10143 10144 10145 10147 10148
Helicoverpa armigera 1149 1166	Hedya nubiferana 6199	Beauveria bassiana sensu lato
Helicoverpa virescens 1314 1315 1316 1788	Lobesia botrana 1107 1110	[Orthoptera: Acrididae] Aulocara elliotti 12253 12263 12269 12274 12275 12276 12277 12278
Panolis flammea 6100 6101 6177 6178	Rhyacionia frustrana 5573	12279 12284 12287 12288 12289
Sesamia calamistis 5649 5654	[Lepidoptera: Yponomeutidae] Yponomeutidae 3966 3967 3968 3969 3970	12290 12291 12293 12294 12295
Sesamia cretica 1118	[Neuroptera: Chrysopidae] Chrysopa 153	12296 12299 12301 12302 12305 12306 12307 12309 12323 12336
Simyra henrici 5988	[Odonata: Coenagrionidae] Unknown species 11711	Aulocara femoratum 12262 12266 12280 12281
Spodoptera frugiperda 3288	[Odonata: suborder Anisoptera] Unknown species 4688	Camnula pellucida 12285
Spodoptera littoralis 1512 1513 3286	[Orthoptera] Unknown species 3622 6231 8704 9598	Hadrotettix 12283
Spodoptera litura 6646 6647 6648 6650	[Orthoptera: Acrididae] Unknown species 356 357 1053 1326 1959 5737 5738 6230 6232 7030 7235 7250 8578 8579 8695 11713 11720	Melanoplus 12297
[Lepidoptera: Noctuidae: Plusiinae] Unknown species 3937	Aulocara elliotti 12207 12213 12214 12232 12233 12234 12235 12236	Melanoplus bivittatus 12252 12254 12255 12258 12265 12268 12271
[Lepidoptera: Olethreutidae] Carpocapsa pomonella 503	Austracris guttulosa 8751 8752	12308 12332 12356 12357 12358
[Lepidoptera: Phycitinae] Emmalocera depressella 2417	Locusta migratoria 8846	12359 12367 12369 12370 12376
[Lepidoptera: Plutellidae] Plutella xylostella 2727 2728 2729 4525 4526 4527 4528 4529 4530 4531 4532 4533 4534 4535 4536 4537 4538 4539 4540 4543 6150 6151 6152 6153	Melanoplus 3620 3866 3897 5273 12209 12221 12223 12224 12225	12379 12380 12389 12397 12403 12404
[Lepidoptera: Pyralidae] Acigona sp. 5647 5648	Melanoplus bivittatus 8213 12196 12200	Melanoplus confusus 12264 12282 12298 12303 12304 12312 12334 12372 12391 12406
Chilo plejadellus 326		Melanoplus femur-rubrum 12261 12267 12270 12292 12324 12325 12327
Cnaphalocrocis medinalis 2041		12331 12366 12373 12374 12387
Coniesta sp. 5646		
Diatraea saccharalis 1484 1832 1834 2629 3020 3858 5500 5502		
Dioryctria sylvestrella 1001		

12392 12393 12398 12399 12400	[Hemiptera: Scutelleridae] <i>Eurygaster</i> 6023	[Diptera: Muscidae] <i>Haematobia irritans</i> 5867
12401 12405		[Hemiptera: Aphididae] Unknown species 3121
<i>Melanoplus sanguinipes</i> 12256 12257	[Hymenoptera: Formicidae] <i>Myrmica rubra</i> 7058	<i>Diuraphis noxia</i> 3153
12259 12260 12272 12273 12286		[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5724 6015 6022 6043
12300 12310 12311 12313 12314	[Lepidoptera: Castniidae] <i>Castnia licus</i> 1829	[Hymenoptera] Unknown species 7242
12315 12316 12317 12318 12319	[Lepidoptera: Noctuidae] Unknown species 9599	[Hymenoptera: Ichneumonidae] Unknown species 156
12320 12321 12322 12326 12328	[Lepidoptera: Pyralidae] <i>Diatraea saccharalis</i> 1830	[Hymenoptera: Pamphiliidae] <i>Pamphilus betulae</i> 152
12329 12330 12333 12335 12337	<i>Galleria mellonella</i> 7555 7556 7557	[Hymenoptera: Vespidae] <i>Vespula vulgaris</i> 2997
12360 12361 12362 12363 12364	7558 7559 7560 7561 8034	[Lepidoptera: Arctiidae] <i>Hyphantria cunea</i> 1565
12365 12368 12371 12375 12377		[Lepidoptera: Geometridae] <i>Isturgia exerrariae</i> 6972
12378 12381 12382 12383 12384		[Lepidoptera: Hepialidae] <i>Oncopera</i> 4273
12385 12386 12388 12390 12394		[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 299 3405 3528 3529
12395 12402 12407		[Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 5370 5557
<b>Beauveria bassiana(?)</b>		[Lepidoptera: Sesiidae] <i>Monopetalotaxis doleriformis</i> 6971
[Chelonia: Emydidae] <i>Trachemys scripta</i> 5990		[Lepidoptera: Tortricidae] <i>Cydia pomonella</i> 3220 6181 6185
[Coleoptera: Chrysomelidae] Unknown species 6890 6891		[Lepidoptera: Yponomeutidae] <i>Yponomeutidae</i> 3965
[Coleoptera: Scolytidae] <i>Dendroctonus micans</i> 9271		[Orthoptera: Acrididae] <i>Phaulacridium vittatum</i> 4150
[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5815 5816 5817 5818		[Thysanoptera: Thripidae] <i>Thrips calcaratus</i> 3216
[Hemiptera: Aphididae] <i>Diuraphis noxia</i> 6608		
[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5684		
[Hymenoptera: Formicidae] <i>Solenopsis invicta</i> 5959		
[Lepidoptera: Pyralidae] <i>Eldana saccharina</i> 5644		
<b>Beauveria brongniartii</b>		
[Coleoptera] Unknown species 2660		
[Coleoptera: Carabidae] Unknown species 7268		
[Coleoptera: Cerambycidae] <i>Anoplophora malasiaca</i> 6235 6412		
<i>Niphonoclea</i> 1431		
[Coleoptera: Curculionidae] <i>Barypeithes pellucida</i> 6213 6214 6215		
<i>Cyrtepistomus castaneus</i> 2271		
[Coleoptera: Elateridae] Unknown species 9452		
[Coleoptera: Scarabaeidae] Unknown species 4380 4381		
<i>Anomala costata</i> 985		
<i>Costelytra zealandica</i> 3054 7761		
<i>Holotrichia parallela</i> 4385 4386 4388		
4465 4466 4467 4468 4469 4470		
4471 4472 4473 4475 4476 4477		
4478		
<i>Melolontha</i> 5355 5356 5357 5358 5359		
5360 5361 5362 5363 5364		
<i>Melolontha melolontha</i> 617 979 1067		
1068 1069 1070 1071 1072 1076		
1077 7528		
<i>Popillia japonica</i> 4389 4458 4992 4993		
4994 4995		
[Coleoptera: Scolytidae] <i>Ips typographus</i> 4024		
[Hemiptera: Cicadellidae] <i>Nephrotettix bipunctata cincticeps</i> 678		
[Hemiptera: Cicadidae] <i>Magicicada septendecim</i> 7376		
<b>Beauveria caledonica</b>		
[Coleoptera] Unknown species 2251		
[Coleoptera: Scarabaeidae] <i>Amphimallon solstitiale</i> 8024		
[Coleoptera: Scolytidae] Unknown species 1567		
[Orthoptera: Gryllacrididae] Unknown species 7117		
<b>Beauveria kipukae</b>		
[Hemiptera: Delphacidae] Unknown species 7032		
<b>Beauveria lii</b>		
[Coleoptera: Coccinellidae] <i>Henosepilachna vigintioctopunctata</i>		
11741		
<b>Beauveria malawiensis</b>		
[Coleoptera: Cerambycidae] <i>Phoracantha semipunctata</i> 7760		
<b>Beauveria pseudobassiana</b>		
[Acari: Ixodidae] <i>Ixodes scapularis</i> 8045 8046		
[Acari: Varroidae] <i>Varroa destructor</i> 8254 8256 8258		
[Coleoptera] Unknown species 5668		
[Coleoptera: Anthicidae] <i>Anthicus floralis</i> 157		
[Coleoptera: Cerambycidae] Unknown species 2557		
[Coleoptera: Chrysomelidae] <i>Paropsis charybdis</i> 3066		
[Coleoptera: Coccinellidae] Unknown species 5678		
[Coleoptera: Curculionidae] <i>Otiorrhynchus sulcatus</i> 813 814 3065		
<i>Sitona</i> 3063		
[Coleoptera: Scarabaeidae] Unknown species 5669		
<i>Adoryphorus coulonii</i> 4274 4721		
<i>Aphodius tasmaniae</i> 3070		
<i>Costelytra zealandica</i> 3055		
[Coleoptera: Scolytidae] <i>Ips</i> 1855		
<i>Tomicus minor</i> 4933 5070		
[Coleoptera: Scolytidae (Tribe Ipini)] Unknown species 6229		
[Coleoptera: Tenebrionidae] <i>Tribolium castaneum</i> 5622		
[Coccoidea: Alligatoridae] <i>Alligator mississippiensis</i> 2455		
<b>Beauveria sungii</b>		
[Coleoptera: Chrysomelidae] Unknown species 7279 7280		
[Coleoptera: Scarabaeidae] Unknown species 5689		
<i>Lachnostenra morosa</i> 1685		
[Hymenoptera] Unknown species 7281		
<b>Beauveria varroae</b>		
[Acari: Varroidae] <i>Varroa destructor</i> 8257 8259		
[Coleoptera: Curculionidae] <i>Larinus</i> 2694		
<b>Beniowskia sp.</b>		
[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 2751		
<b>Calcarisporium arbuscula</b>		
[Agaricales: Tricholomataceae] <i>Armillaria mellea</i> 6155		
<b>Calcarisporium ovalisporum</b>		
[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 1907		

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<b>Candida</b> sp.	<b>Clonostachys</b> <i>rosea</i>	<b>Sogatella</b> <i>furcifera</i> 604
[Coleoptera: Scolytidae] <i>Hypothenemus hampei</i> 5729	[Araneida] Unknown species 9492	[Hemiptera: Membracidae] <i>Gargara</i> 5404 5405 5406
[Dictyoptera: Blattellidae] <i>Blattella germanica</i> 1877 1924 1925 1926	[Coleoptera: Scarabaeidae] Unknown species 9491	[Hymenoptera] Unknown species 2193
[Dictyoptera: Blattidae] <i>Periplaneta americana</i> 1857	<i>Amphimallon solstitiale</i> 11678 11682 11687	[Hymenoptera: Formicidae] <i>Solenopsis invicta</i> 2819
<b>Candida</b> cf. <i>pseudoglaebosa</i>	[Hemiptera: Cicadellidae] <i>Oncometopia tucumana</i> 7200	[Isopoda: Oniscoidea] <i>Porcellio</i> 1672
[Diptera: Culicidae] <i>Wyeomyia smithii</i> 7146	<i>Sonesimia grossa</i> 7472	[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 2771 2772 2815 2816 3208
<b>Capniomyces</b> <i>stellatus</i>	[Lepidoptera] Unknown species 9493	[Lepidoptera: Tortricidae] <i>Choristoneura fumiferana</i> 92 93 94 147 148
[Plecoptera: Capniidae] <i>Allocapnia granulata</i> 9258	[Orthoptera: Gryllotalpidae] <i>Gryllotalpa gryllotalpa</i> 11689 11690 11691 11692 11695 11699 11700 11701 11702	[Orthoptera: Tettigoniidae] Unknown species 1477
<b>Catenaria</b> <i>anguillulae</i>	<b>Coelomycidium</b> <i>simulii</i>	[Primates: Hominidae] <i>Homo sapiens</i> 2928
[Dorylaimida: Longidoridae] <i>Xiphinema</i> 2015	[Diptera: Simuliidae] <i>Simulium venustum</i> 218	[Protura] Unknown species 11763
<b>Cladosporium</b> sp.	<b>Colletotrichum</b> sp.	<b>Conidiobolus</b> <i>coronatus</i>
[Acari: Tetranychidae] <i>Tetranychus urticae</i> 6442	[Hemiptera: Coccidae] <i>Neolecanium cornuparvum</i> 10308	[Agaricales] <i>Volvariella volvacea</i> 1147
[Hemiptera: Aleyrodidae] Unknown species 3706	<i>Parthenolecanium</i> 12083	[Araneida] Unknown species 567 7010
[Hemiptera: Aphididae] <i>Brevicoryne brassicae</i> 4795 <i>Rhopalosiphum padi</i> 11866	<b>Colletotrichum</b> <i>fioriniae</i>	[Coleoptera: Curculionidae] <i>Ceutorhynchus napi</i> 1572 1573 1574 1575
[Hemiptera: Cicadellidae] Unknown species 7039	[Hemiptera: Diaspididae] <i>Fiorinia externa</i> 10219 10220 10221 10222 10223	[Collembola] Unknown species 8023
[Hemiptera: Coccidae] Unknown species 7035	<b>Colletotrichum</b> <i>gloeosporioides</i>	[Dacrymycetales] Unknown species 3087
[Hymenoptera: Formicidae] Unknown species 12046	[Hemiptera: Ortheziidae] <i>Orthezia praelonga</i> 4360	[Diptera: Psychodidae] <i>Lutzomyia</i> 3379
[Lepidoptera: Lycaenidae: Polyommatae] <i>Orachrysops ariadne</i> 6226	<b>Conidiobolus</b> sp.	<i>Lutzomyia sordelli</i> 3414 3415
<b>Cladosporium</b> <i>cladosporioides</i>	[Coleoptera: Curculionidae] <i>Hypera variabilis</i> 80 81	[Diptera: Sciaridae] <i>Lycoriella ingenua</i> 9940 9941 9942
[Acari: Tetranychidae] <i>Eotetranychus</i> 3085	[Collembola] Unknown species 11867	[Hemiptera: Aphididae] <i>Acyrtosiphon pisum</i> 1738
<i>Tetranychus urticae</i> 9616	[Diptera: Anthomyiidae] Unknown species 2494	<i>Metopolophium dirhodum</i> 2812 2813 2814
[Hemiptera: Aphididae] <i>Pemphigus betae</i> 3463	[Diptera: Ptychopteridae] <i>Delia radicum</i> 2672	[Hemiptera: Cicadellidae] Unknown species 419 421 422
[Hemiptera: Pseudococcidae] <i>Phenacoccus soelenopsis</i> 9614	[Diptera: Tipulidae] <i>Tipula paludosa</i> 6424	<i>Empoasca fabae</i> 3099 3109
[Thysanoptera: Thripidae] <i>Thrips palmi</i> 3375	[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 11650	<i>Nephrotettix bipunctata cincticeps</i> 520 597
<b>Cladosporium</b> <i>cladosporioides(?)</i>	[Hemiptera: Aphididae] Unknown species 999 1426	[Hemiptera: Delphacidae] <i>Delphacodes haywardii</i> 7203
[Hemiptera: Aphididae] Unknown species 7033	<i>Aphis fabae</i> 3383	<i>Nilaparvata lugens</i> 349 405 406 418 511 512 514 523 524 525 528 563 565 655 997 1876
<b>Cladosporium</b> <i>herbarum</i>	<i>Brevicoryne brassicae</i> 2130	[Hymenoptera: Formicidae] Unknown species 7011
[Hemiptera: Aphididae] <i>Aphis gossypii</i> 4361	<i>Eriosoma lanigerum</i> 6659	[Isoptera: Termitidae] <i>Nasutitermes corniger</i> 8455
<b>Cladosporium</b> <i>sphaerospermum</i>	<i>Myzus persicae</i> 3384	[Lepidoptera: Noctuidae] <i>Mocis latipes</i> 1884
[Coleoptera: Curculionidae] <i>Diaprepes abbreviata</i> 6516	<i>Schizaphis graminum</i> 1967	[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 2730
	[Hemiptera: Cercopidae] Unknown species 391	[Lepidoptera: Tortricidae] <i>Epinotia aporema</i> 4797
	<i>Deois</i> 2147	[Opiliones: Palpatores] Unknown species 7012 7013
	<i>Deois flavopicta</i> 2148	[Perissodactyla: Equidae] <i>Equus ferus caballus</i> 2715
	[Hemiptera: Cicadellidae] <i>Nephrotettix bipunctata cincticeps</i> 605 606	
	[Hemiptera: Cixiidae] <i>Oliarus dimidiatus</i> 7786	
	[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 211 517 522 564 595 596	

[Primates: Hominidae] <i>Homo sapiens</i> 206	<i>Cavariella theobaldi</i> 101 102 363 1733 1734	[Lepidoptera: Geometridae] Unknown species 2416
[Thysanoptera: Thripidae] Unknown species 6512 9914	<i>Diuraphis noxia</i> 4968	<b>Cordyceps pruinosa</b>
<i>Frankliniella occidentalis</i> 3222	<i>Diuraphis tritici</i> 2914	[Lepidoptera] Unknown species 7221 11723 11724
<b>Conidiobolus firmipilleus</b>	<i>Macrosiphum euphorbiae</i> 40	
[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 2731	<i>Metopolophium dirhodum</i> 2828 2829 2849 2850	<b>Cordyceps scarabaeicola</b>
<b>Conidiobolus lachnoderes</b>	<i>Myzus persicae</i> 2 39 41 57 63 99 649	[Coleoptera: Chrysomelidae] Unknown species 7277 7278
[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 700	<i>Rhopalosiphum insertum</i> 73	
<b>Conidiobolus lampragues</b>	<i>Schizaphis graminum</i> 2955	<b>Crypticola clavulifera</b>
[Perissodactyla: Equidae] <i>Equus ferus caballus</i> 2338	<i>Therioaphis maculata</i> 15 29 115 208	[Diptera: Ceratopogonidae] <i>Forcipomyia marksae</i> 1940
<b>Conidiobolus nr. coronatus</b>	<i>Uroleucon</i> 120	
[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 598 599 600 1742 1743	[Hemiptera: Cicadellidae] <i>Empoasca fabae</i> 3129	<b>Culicinomyces bisporalis</b>
<i>Sogatella furcifera</i> 602	[Orthoptera: Acrididae] Unknown species 22	[Diptera: Culicidae] <i>Aedes kochi</i> 1948 1949
<b>Conidiobolus obscurus</b>	<b>Cordyceps sp.</b>	<b>Culicinomyces claviger</b>
[Hemiptera: ?Aphididae] Unknown species 243	[Coleoptera: Curculionidae] <i>Sitophilus oryzae</i> 4852	[Diptera: Ceratopogonidae] <i>Dasyhelea</i> 2478
[Hemiptera: Aphididae] Unknown species 434	[Coleoptera: Scarabaeidae] Unknown species 7848	<i>Forcipomyia marksae</i> 2480 2481
<i>Acyrtosiphon kondoi</i> 354 824	<i>Popillia japonica</i> 3718	[Diptera: Culicidae] Unknown species 706 2622
<i>Acyrtosiphon pisum</i> 832 834 1741 3132 3133 3134 3135 3137 3138 3139 3141	[Hemiptera: Cercopidae] Unknown species 6349	<i>Aedes rupestris</i> 2471 2472 2473 2474 2475 2476 2477
<i>Aphis</i> 124	[Hemiptera: Cicadellidae] Unknown species 6281	<i>Anopheles amictus hilli</i> 644 645
<i>Aphis armata</i> 133 355	[Hemiptera: Pentatomidae] Unknown species 4846	<i>Anopheles quadrimaculatus</i> 372 582 583 584 585
<i>Macrosiphum euphorbiae</i> 182	[Hymenoptera: Apidae] Unknown species 4851	<i>Culiseta inconspicua</i> 2479
<i>Metopolophium dirhodum</i> 97 3092	[Lepidoptera] Unknown species 7808 7811 9486	<i>Culiseta inornata</i> 964 1260 2482
<i>Rhopalosiphum maidis</i> 3089 3090	[Orthoptera: Acrididae] Unknown species 4854	
<i>Rhopalosiphum padi</i> 1131 5992	<b>Cordyceps bassiana</b>	<b>Curvularia sp.</b>
<i>Therioaphis maculata</i> 74	[Lepidoptera: Cossidae] Unknown species 7047	[Hemiptera: Cercopidae] <i>Zulia carbonaria</i> 6367
<i>Uroleucon</i> 121 122	<b>Cordyceps brongniartii</b>	<b>Cylindrocarpon sp.</b>
<b>Conidiobolus osmodes</b>	[Coleoptera: Scarabaeidae] <i>Anomala cuprea</i> 7516 7517	[Hemiptera: Pentatomidae] <i>Aelia</i> 5758
[Coleoptera: Curculionidae] <i>Hypera variabilis</i> 79	<b>Cordyceps cardinalis</b>	[Lepidoptera: Pyralidae] <i>Diatraea saccharalis</i> 8043 8044
<b>Conidiobolus osmodes(?)</b>	[Lepidoptera: Tineidae: Archolophinae] Unknown species 7192 7193	
[Hemiptera: Aphididae] <i>Rhopalosiphum padi</i> 5993	<b>Cordyceps isarioides</b>	<b>Dactyrella sp.</b>
<b>Conidiobolus pseudapiculatus</b>	[Lepidoptera] Unknown species 5688	[Hemiptera: Cercopidae] <i>Aeneolamia varia</i> 6372
[Diptera: Psilidae] <i>Psila rosae</i> 2493 2496 2497 2502	<b>Cordyceps militaris</b>	<b>Doratomyces(?) sp.</b>
<b>Conidiobolus thrombooides</b>	[Lepidoptera] Unknown species 4081 4082 4083 4084 4085 4086 4087 4088 4089 4838 4839 4840 4841 4842 4845 5002 5003 5004 5005 5006 5007 5008 5009 5010 5011 5012 5013 5014 5015 5016 5017 5018 5019 5020 5021 5022 5023 5024 5025 5026 5027 5028 5029 5030 5031 5032 5033 5034 5035 5036 5037 5038 5039 5040 5041 5042 5043 5044 5045 5046 5047 5048 5049 5050 5051 5052 5053 5054 5055 5056 5057 5058 5059 5060 5061 5062 6248 7809 7810 8012 9484 11703 11704	[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 9367
<i>Acyrtosiphon pisum</i> 100 6662		<b>Drechslerella dactyloides</b>
<i>Aphis fabae</i> 42 242 244 245 246 247 630 631 632 633 634 635 1735	[Tylenchida: Heteroderidae] <i>Heterodera schachtii</i> 2934	[Eurotiales: Elaphomycetaceae] <i>Elaphomyces</i> 8009
<i>Aphis glycines</i> 7209 7210 7211 11664	<i>Meloidogyne hapla</i> 4955	
<i>Aphis gossypii</i> 83 194	<b>Elaphocordyceps capitata</b>	<b>Elaphocordyceps ophioglossoides</b>
	[Eurotiales: Elaphomycetaceae] <i>Elaphomyces</i> 4826 4827 4828 4829 4830 4831 4832 4833 4834 4835 4836 4837 8013 9485	[Eurotiales: Elaphomycetaceae] <i>Elaphomyces</i> 4826 4827 4828 4829 4830 4831 4832 4833 4834 4835 4836 4837 8013 9485
		<b>Engyodontium album</b>
		[Araneida] Unknown species 7712 9454
		[Araneida: ?Pholcidae] Unknown species 6002

## Host by Fungus

## *Engyodontium aranearum* *Entomophthora syrphi*

<b>Engyodontium aranearum</b> [Araneida: Pholcidae] <i>Pholcus phalangioides</i> 2929 2935	[Lepidoptera: Tortricidae] <i>Choristoneura fumiferana</i> 51 164 165 166 167 168 172 1992 1993 1994 1995 1997 1998 2896 2898 2901	<b>Entomophaga praxibuli</b> [Hemiptera: Cicadellidae] <i>Empoasca vitis</i> 3058
<b>Engyodontium rectidentatum</b> [Coleoptera: Scarabaeidae] Unknown species 7805		[Orthoptera: Acrididae] <i>Praxibulus</i> 840
<b>Engyodontium(?) sp.</b> [Araneida] Unknown species 9475		<b>Entomophthora chromaphidis</b> [Hemiptera: Aphididae] <i>Acyrthosiphon kondoi</i> 1860 1862 1863
[Hemiptera: Psyllidae] Unknown species 9476		
<b>Entomophaga sp.</b> [Hemiptera: Cicadellidae] <i>Empoasca kraemerii</i> 1230		<b>Entomophthora culicis</b> [Diptera: Chironomidae] Unknown species 5811
<i>Nephrotettix bipunctata cincticeps</i> 1126		[Diptera: Nematocera] Unknown species 387
[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 1881		
[Lepidoptera] Unknown species 393		<b>Entomophthora ferdinandii</b> [Diptera: Muscidae] <i>Coenosia tigrina</i> 6918
<b>Entomophaga asiatica</b> [Orthoptera: Acrididae] Unknown species 1393		
<i>Parapodisma</i> 1659		<b>Entomophthora muscae</b> [Diptera] Unknown species 392 6701 7371
<b>Entomophaga aulicae</b> [Lepidoptera] Unknown species 1140 1656		[Diptera: Anthomyiidae] Unknown species 2087 2088 2678
[Lepidoptera: Arctiidae] <i>Spilosoma niveum</i> 2372 2373 2374		<i>Botanophila fugax</i> 6712
[Lepidoptera: Geometridae] <i>Enpyia griseata</i> 2000		<i>Delia</i> 2089 2263 2264 2265 2266 2317
<i>Lambdina fiscellaria fiscellaria</i> 1991 2900		<i>Delia antiqua</i> 3074
<i>Lambdina fiscellaria lugubrosa</i> 1990		<i>Delia platura</i> 707
<i>Rheumaptera hastata</i> 2899		<i>Delia radicum</i> 2665 2668 2670 2674 2675 6274 6706 6707 6708 6709
[Lepidoptera: Lasiocampidae] <i>Dendrolimus spectabilis</i> 1655		6710 6711 6717 6811 6814 6815 6818 6821
<i>Malacosoma disstria</i> 3602		
[Lepidoptera: Lymantriidae] <i>Euproctis chrysorrhoea</i> 7140 7141 7142 7143 7144 7145		[Diptera: Calliphoridae] <i>Pollenia rudis</i> 651
<i>Orgyia vetusta</i> 4004 4005 4006 4007 4008		[Diptera: Muscidae] Unknown species 5954
[Lepidoptera: Noctuidae] Unknown species 3016		<i>Musca domestica</i> 454 556 557 803 2014 2172 2542 5952 5953 6121 6122 6123 6124 6125 6126 6127 6128
? <i>Heliothis</i> 251		6129 6130 6131 6132 6133 6134 6135 6136 6140 6141 6164 6165 6713 6714 6715 6716 6812 6813
<i>Aedia leucomelas</i> 198 998		
<i>Autographa gamma</i> 2363 2365		[Diptera: Syrphidae] Unknown species 826 2673
<i>Mamestra brassicae</i> 1657 1751 2362 2367 2368 2369		
<i>Pseudaletia</i> 1999		<b>Entomophthora planchoniana</b> [Hemiptera: Aphididae] <i>Ovatus crataegarius</i> 6251 6252
[Lepidoptera: Notodontidae] <i>Ellida caniplaga</i> 2903		
<i>Heterocampa</i> 2902		<b>Entomophthora scatophagae</b> [Diptera: Scatophagidae] <i>Scatophaga stercoraria</i> 6704 6705
<i>Heterocampa biundata</i> 2905		
<i>Heterocampa guttivitta</i> 2843 2904 3039 3212		<b>Entomophthora schizophorae</b> [Diptera: Calliphoridae] <i>Pollenia</i> 6703 6816 6817
[Lepidoptera: Pieridae] <i>Colias erate poliographus</i> 2366		[Diptera: Muscidae] <i>Musca domestica</i> 5348 6137 6138 6139 6142 6143
[Lepidoptera: Saturniidae] <i>Dryocampa rubicunda</i> 2897		[Diptera: Psilidae] <i>Psila rosae</i> 2540 2541 2667

<b>Entomophthora thripidum</b>	<b>Erynia sepulchralis</b>	<b>Evlachovaea kintrischchica</b>
[Thysanoptera: Thripidae] Thrips tabaci 5868 6517 6518 6519 6520 6521 6522 6525	[Diptera: Tipulidae] Unknown species 12250	[Coleoptera: Chrysomelidae] Agelastica alni 7218 8058
<b>Erynia</b> sp.	<b>Eryniopsis caroliniana</b>	<b>Exophiala</b> sp.
[Coleoptera: Cantharidae] Unknown species 2664 5352	[Diptera: Tipulidae] Tipula paludosa 640 641 642	[Hemiptera: Adelgidae] Adelges tsugae 9362
Rhagonycha fulva 2525 2536 2537 2538 2539 2553 2663	<b>Eryniopsis ptychopterae</b>	<b>Furculomyces boomerangus</b>
[Diptera] Unknown species 876 880 884 2495	[Diptera: Ptychopteridae] Ptychoptera contaminata 2535 2671	[Diptera: Chironomidae] Procladius paludicola 9077
[Diptera: Brachycera] Unknown species 1338	<b>Escovopsis aspergilloides</b>	Psectrocladius paludicola 9259
[Diptera: Chironomidae] Unknown species 2507	[Hymenoptera: Formicidae] Trachymyrmex sp. 5575	Tanytarsus nr. inextensus 9021
[Diptera: Ephydriidae] ?Hydrellia 2097	<b>Escovopsis</b> sp.	<b>Furia americana</b>
[Hemiptera: Aphididae] Unknown species 2279	[Hymenoptera: Formicidae] Acromyrmex octospinosus 5574	[Diptera] Unknown species 742 1240 1242 2192 2194
Brevicoryne brassicae 2294	<b>Escovopsis weberi</b>	<b>Furia gastropachae</b>
Macrosiphum euphorbiae 2292	[Hymenoptera: Formicidae] Atta colombica 5576	[Lepidoptera] Unknown species 2906
Theroiaphis maculata 1666	<b>Eurotiomycetes, genus undetermined</b>	[Lepidoptera: Lasiocampidae] Malacosoma disstria 5541 5542 5543 5544 5545 5546 5547 5869 5870 5871 5872 8926
[Lepidoptera] Unknown species 1241	[Hemiptera: Adelgidae] Adelges tsugae 9360 9361	<b>Furia ithacensis</b>
[Lepidoptera: Noctuidae] Pseudoplusia includens 2027	<b>Evlachovaea</b> sp.	[Diptera: Empididae] Unknown species 1339 1340
[Lepidoptera: Plutellidae] Plutella xylostella 983	[Coleoptera: Elateridae] Agriotes 7403	<b>Furia neopyralidarum</b>
[Lepidoptera: Tortricidae] Eana argentana 1143	[Coleoptera: Scarabaeidae] Phyllophaga menetriesi 7551	[Lepidoptera] Unknown species 1145
[Trichoptera] Unknown species 9537	[Coleoptera: Scolytidae] Dendroctonus rufipennis 1017	<b>Furia pieris</b>
<b>Erynia aquatica</b>	[Dermaptera] Unknown species 7602	[Lepidoptera: Pieridae] Pieris rapae 781
[Diptera: Culicidae] Unknown species 764	[Diptera: Bibionidae] Plecia 7372	<b>Furia virescens</b>
Aedes 750	[Diptera: Stratiomyidae] Chiromyza 6146	[Hemiptera: Miridae] Notostira elongata 394
<b>Erynia conica</b>	[Hemiptera: Tingidae] Leptopharsa heveae 6635 6638 6639 6640 6641	[Lepidoptera] Unknown species 427
[Diptera: Chironomidae] Unknown species 2274 2405	[Hymenoptera: Formicidae] Pogonomyrmex occidentalis 7543	[Lepidoptera: Noctuidae] Unknown species 470 1129
[Diptera: Simuliidae] Unknown species 1752 1753 2275	[Hymenoptera: Sphecidae] Unknown species 2545	<b>Fusarium</b> sp.
Simulium 1439	[Hymenoptera: Tenthredinidae] Monophadnus elongatus 1576	[Acari: Ixodidae] Boophilus 3296
<b>Erynia curvispora</b>	[Lepidoptera] Unknown species 7599 7600 7601	[Acari: Tetranychidae] Tetranychus urticae 6443 6572
[Diptera: Simuliidae] Unknown species 1754 3229	[Lepidoptera: Brassolidae] Brassolis 2297	[Coleoptera: Buprestidae] Agrilus planipennis 8131
[Trichoptera] Unknown species 3244	Brassolis sophorea 2613 2620	[Coleoptera: Chrysomelidae] Lilioceris lilii 4011
<b>Erynia ovispora</b>	[Lepidoptera: Gelechiidae] Sitotroga cerealella 5703	[Coleoptera: Curculionidae] Anthonomus musculus 3030 3031 3032 Chalcodermus aeneus 2568 2569
[Diptera: Psychodidae] Unknown species 399 400	[Lepidoptera: Noctuidae] Spodoptera frugiperda 959	Conotrachelus nenuphar 8266 8267 Otiorrhynchus ligustici 4825 Sitona discoideus 1310
<b>Erynia rhizospora</b>	[Lepidoptera: Oecophoridae] Anteotricha 2614 2615	[Coleoptera: Scarabaeidae] Amphimallon solstitiale 11670 11671 11672 11673 11674 11675 11677
[Trichoptera] Unknown species 219 801 1440 1441 1442 1443 2276	[Lepidoptera: Pyralidae] Galleria mellonella 8439 8441 8442 8449	11679 11680 11684
[Trichoptera: Hydropsychidae] Unknown species 2407	[Thysanoptera: Thripidae] Unknown species 11788	[Coleoptera: Scolytidae] Dendroctonus micans 9273 9274 Hypothenemus hampei 5461 5875 5878 5879 6602 7063
<b>Erynia sciarae</b>		
[Diptera: Mycetophilidae] Unknown species 1870		

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*Fusarium* sp.  
*Gliocladium* sp.

[Diptera] Unknown species 2414	[Hymenoptera: Formicidae] Unknown species 12032 12033 12034 12035 12036 12037 12038 12039 12040	<b>Fusarium moniliforme var. intermedium</b> [Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 3223
[Diptera: Bibionidae] Unknown species 2252	[Lepidoptera: Gelechiidae] <i>Scrobipalpuloides absoluta</i> 5219	<b>Fusarium nygamai</b> [Lepidoptera: Noctuidae] <i>Raghava albipunctella</i> 2316
[Diptera: Culicidae] <i>Culex pipiens pipiens</i> 11949 11950 <i>Ochlerotatus trivittatus</i> 11948	[Lepidoptera: Hyblaeidae] <i>Hyblaea puer</i> 2595	<b>Fusarium oxysporum</b> [Diptera: Anthomyiidae] <i>Delia radicum</i> 1371
[Diptera: Muscidae] <i>Musca domestica</i> 1522	[Lepidoptera: Lycaenidae: Polyommata] <i>Orachrysops subravus</i> 6102	[Tylorrhida: Heteroderidae] <i>Meloidogyne hapla</i> 4963 4964
[Diptera: Psychodidae] <i>Lutzomyia</i> 3382	[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 3532	<b>Fusarium oxysporum(?)</b> [Hemiptera: Cercopidae] <i>Zulia colombiana</i> 6355
[Diptera: Uliidiidae] <i>Tetanops myopaeformis</i> 7382	[Lepidoptera: Noctuidae] <i>Spodoptera</i> 2736	<b>Fusarium polypodialidicum</b> [Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 3692 3693 3694 3695 3696 3916
[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5803 5825	[Lepidoptera: Lymantriidae] <i>Spodoptera frugiperda</i> 3300 <i>Spodoptera litura</i> 6649	<b>Fusarium semitectum</b> [Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 2053
[Hemiptera: Aleyrodidae] Unknown species 4002	[Lepidoptera: Phycitinae] <i>Emmalocera depressella</i> 2418	[Hemiptera: Psyllidae] <i>Heteropsylla incisa</i> 2299 2300
<i>Bemisia tabaci</i> 3668 3669 3670 3671 3672 3673 3674 3675 3676 3677 3678 3679 5332	[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 2776 5881	<b>Fusarium solani</b> [Diptera: Anthomyiidae] <i>Delia radicum</i> 1148
[Hemiptera: Aphididae] Unknown species 3704 3707	[Lepidoptera: Pyralidae] <i>Chilo sacchariphagus</i> 7045 7046 <i>Galleria mellonella</i> 5560	<b>Fusarium subglutinans</b> [Hemiptera: Coccidae] <i>Pulvinaria elongata</i> 2145
<i>Aphis fabae</i> 8277 8278 8287	[Orthoptera: Gryllotalpidae] <i>Gryllotalpa gryllotalpa</i> 11697	[Hemiptera: Lophopidae] <i>Pyrilla perpusilla</i> 2143 2144
<i>Aphis gossypii</i> 5726 5727 5728 7233	[Orthoptera: Tetrigidae] <i>Tetrix granulata</i> 8281 8286	[Hemiptera: Psyllidae] <i>Heteropsylla incisa</i> 2301
<i>Diuraphis noxia</i> 4969	[Thysanoptera: Thripidae] Unknown species 9937 11790	[Lepidoptera: Pyralidae] <i>Chilo sacchariphagus indicus</i> 2142
<i>Rhopalosiphum padi</i> 2337 11865	<i>Scirtothrips dorsalis</i> 7381	<i>Scirpophaga excerptalis</i> 2141
<i>Sitobion avenae</i> 2333	[Tylorrhida: Heteroderidae] <i>Meloidogyne hapla</i> 4956 4962	<b>Fusarium torulosum</b> [Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 3483
<i>Toxoptera aurantii</i> 6790	<b>Fusarium acuminatum</b> [Orthoptera: Acrididae] Unknown species 3218	<b>Geotrichum</b> sp. [Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 2752
[Hemiptera: Cercopidae] <i>Aeneolamia postica</i> 3345	<b>Fusarium avenaceum</b> [Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2060	<b>Geotrichum (?)</b> sp. [Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5823
<i>Mahanarva andigena</i> 6460 6461 6464	<b>Fusarium coccophilum</b> [Hemiptera: Coccoidea] Unknown species 7409	<b>Gibellula clavulifera</b> var. <i>alba</i> [Araneida: Salticidae] <i>Euophrys ?trivittata</i> 1909
<i>Prosapia nr. bicincta</i> 4713 4714 4715	[Hemiptera: Diaspididae] <i>Lepidosaphes</i> 2098	<b>Gibellula pulchra</b> [Araneida] Unknown species 1732
<i>Zulia carbonaria</i> 6465	<i>Melanaspis obscura</i> 821	<b>Gibellula</b> sp. [Araneida] Unknown species 569 570 1669 8927
<i>Zulia colombiana</i> 6348 6351 6352 6353 6354 6358	<b>Fusarium lateritium</b> [Hemiptera: Membracidae] <i>Ceresa bubalus</i> 8279	<b>Gliocladium</b> sp. [Lepidoptera: Sesiidae] Unknown species 6632
<i>Zulia pubescens</i> 6320 6375 6576	<b>Fusarium merismoides</b> [Hemiptera: Pseudococcidae] <i>Phenacoccus solenopsis</i> 9377	
[Hemiptera: Coccidae] Unknown species 1828	[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2059	
<i>Coccus viridis</i> 2232	<b>Fusarium moniliforme</b> [Hemiptera: Psyllidae] <i>Heteropsylla cubana</i> 2303	
<i>Parthenolecanium</i> 12072 12073 12074 12075 12076 12077 12078 12079 12084	[Hymenoptera: Ichneumonidae] Unknown species 1331 1416	
[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 687	<b>Fusarium merismoides</b> [Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2059	
<i>Sogatella furcifera</i> 8282 8283 8285	<b>Fusarium moniliforme</b> [Hemiptera: Diaspididae] <i>Lopholeucaspis japonica</i> 6225	
[Hemiptera: Diaspididae] <i>Lopholeucaspis japonica</i> 6225	[Hymenoptera: Ichneumonidae] Unknown species 1331 1416	
[Hemiptera: Membracidae] <i>Ceresa bubalus</i> 8279	<b>Fusarium merismoides</b> [Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2059	
[Hemiptera: Miridae] <i>Adelphocoris</i> 1307 1641	<b>Fusarium moniliforme</b> [Hemiptera: Pseudococcidae] <i>Phenacoccus solenopsis</i> 9377	
[Hemiptera: Pentatomidae] <i>Dolycorus</i> 6411	[Hemiptera: Psyllidae] <i>Heteropsylla cubana</i> 2303	
<i>Halyomorpha halys</i> 10311 10312 10313 10388 10389 10390 10391 11655	[Hymenoptera: Ichneumonidae] Unknown species 1331 1416	
[Hemiptera: Pseudococcidae] <i>Phenacoccus solenopsis</i> 9377	<b>Fusarium merismoides</b> [Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2059	
[Hemiptera: Psyllidae] <i>Heteropsylla cubana</i> 2303	<b>Fusarium moniliforme</b> [Hemiptera: Scutelleridae] <i>Eurygaster</i> 5680 5682 5755 5757 6394 6395 6396 6397 6398 6400 6401 6402 6403 6409 6410 6425 6428 6429	
[Hemiptera: Reduviidae] <i>Triatoma infestans</i> 7473	[Hymenoptera: Ichneumonidae] Unknown species 1331 1416	
[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5680 5682 5755 5757 6394 6395 6396 6397 6398 6400 6401 6402 6403 6409 6410 6425 6428 6429	[Lepidoptera: Sesiidae] <i>Melanaspis glomerata</i> 2074	

<b>Gliocladium(?) sp.</b>	[Thysanoptera: Thripidae] <i>Taeniothrips inconsequens</i> 2939 2940 3266 3318 3546 3548 3553 <i>Thrips palmi</i> 4193	<b>Hirsutella longicolla var. cornuta</b> [Lepidoptera: Tortricidae] <i>Choristoneura fumiferana</i> 177 178
<b>Haptocillium balanoides</b>	[Aphelenchida: Aphelenchoididae] <i>Aphelenchoides</i> 3173	<b>Hirsutella minnesotensis</b> [Tylenchida: Heteroderidae] <i>Heterodera glycines</i> 7288 7289 7290 7291 7294
<b>Harpellales, genus undetermined</b>	[Diptera: Chironomidae] <i>Corynoneura</i> 9089 [Trichoptera] Unknown species 9064	<b>Hirsutella myrmicarum</b> [Hymenoptera: Formicidae] <i>Myrmica rubra</i> 11864
<b>Harposporium anguillulae</b>	[Tylenchida: Heteroderidae] <i>Meloidogyne hapla</i> 4954	<b>Hirsutella necatrix</b> [Acaris] Unknown species 5549
<b>Harposporium botuliforme</b>	[Bdelloida: Adinetidae] <i>Adineta vaga</i> 10275	<b>Hirsutella nodulosa</b> [Lepidoptera: Pyralidae] <i>Dioryctria zimmermani</i> 5473
<b>Harposporium janus</b>	[Coleoptera: Cerambycidae] Unknown species 5601	<b>Hirsutella nr. haptospora</b> [Diptera: Itonididae] Unknown species 2228
<b>Harposporium spirosporum</b>	[Bdelloida: Habrotrochidae] <i>Habrotrocha elusa</i> 8821 10271	<b>Hirsutella radiata</b> [Diptera: ?Lauxaniidae] Unknown species 1369
<b>Hirsutella sp.</b>	[Acaris] Unknown species 2795 2796 2797 2798 2801 2802 2803 [Acaris: Eriophyidae] <i>Abacarus hystrix</i> 970 8999 [Collembola] Unknown species 2799 [Diptera: Sciomyzidae] <i>Sepedon sphegeus</i> 1551 [Hemiptera] Unknown species 4511 [Hemiptera: Cicadellidae] <i>Empoasca kraemerii</i> 1625 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2992 [Hemiptera: Cixiidae] <i>Oliarus dimidiatus</i> 8378 [Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 568 1096 [Hemiptera: Derbidae] <i>Lydda</i> 4515 [Hemiptera: Diaspididae] <i>Nuculaspis tsugae</i> 1668 [Hemiptera: Miridae] <i>Cyrtorhinus lividipennis</i> 2208 2209 [Hemiptera: Psyllidae] <i>Diaphorina citri</i> 9605 9606 11755 11757 11758 11759 11760 11761 [Hymenoptera: Formicidae] <i>Solenopsis invicta</i> 7578 [Lepidoptera] Unknown species 2581 [Thysanoptera: Phlaeothripidae] <i>Liothrips mikaniae</i> 4513 4514	<b>Hirsutella repens</b> [Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 2348 2359 2394
	[Hemiptera: Pseudococcidae] <i>Rastrococcus invadens</i> 4517	<b>Hirsutella rhossiliensis</b> [Thysanoptera: Thripidae] Unknown species 11820
	<b>Hirsutella fusiformis</b> [Coleoptera: Curculionidae] <i>Brachyderes incanus</i> 5474	[Tylenchida: Criconematidae] <i>Criconemella curvata</i> 2007 <i>Criconemella xenoplax</i> 2006 2008 3744 3746 3747 3748 3750 3754
	<b>Hirsutella gigantea</b> [Hymenoptera: Pamphiliidae] Unknown species 30	[Tylenchida: Heteroderidae] <i>Heterodera glycines</i> 7286 7287 7292 7293 7295 <i>Heterodera humuli</i> 2894 <i>Heterodera schachtii</i> 2788 2789 2790 2791 2792 2794 2931 2932 2933 3761
	<b>Hirsutella haptospora</b> [Acaris: Uropodina] Unknown species 2226	<b>Hirsutella satumaensis</b> [Lepidoptera: Pyralidae] <i>Dioryctria sylvestrella</i> 996
	<b>Hirsutella illustris</b> [Hemiptera: Aphididae] <i>Eriosoma lanigerum</i> 5539	<b>Hirsutella sinensis</b> [Lepidoptera: Hepialidae] Unknown species 6282
	<b>Hirsutella kirchneri</b> [Acaris] Unknown species 5550	<b>Hirsutella strigosa</b> [Hemiptera: Cicadellidae] <i>Nephrotettix virescens</i> 2197
	[Acaris: Eriophyidae] <i>Abacarus hystrix</i> 5551	[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 2044
	<b>Hirsutella lecaniicola</b> [Hemiptera: Coccoidea] <i>Parthenolecanium corni</i> 8888	<b>Hirsutella subulata</b> [Lepidoptera: Microlepidoptera] Unknown species 2227
	<b>Hirsutella liboensis</b> [Lepidoptera: Cossidae] Unknown species 9603	

## Host by Fungus

*Hirsutella thompsonii*  
*Isaria farinosa*

<b>Hirsutella thompsonii</b>	<b>Isaria sp.</b>	<b>Isaria farinosa</b>
[Acari] Unknown species 2800 [Acari: Eriophyidae] <i>Calacarus heveae</i> 6633 <i>Colomerus novahebridensis</i> 258 414 <i>Eriophyes guerreronis</i> 256 257 <i>Eriophyes sheldoni</i> 255 2459 <i>Phyllocoptura oleivora</i> 137 241 253 259 2012 2464	[Coleoptera] Unknown species 9519 [Diptera: Tipulidae] Unknown species 9508 [Hemiptera: Adelgidae] <i>Adelges tsugae</i> 11630 [Hemiptera: Psyllidae] Unknown species 9517 [Hemiptera: Scutelleridae] <i>Eurygaster</i> 10363 10364 10365 10366 10367 10368 10369 10370 10371 10372 10373 10374 10375 10376 10377 10378 10379 10380 10381 10382 10383 10384 10385 11631 11632 11633 11634 11635 11636	[Acari] Unknown species 11825 [Araneida] Unknown species 2376 [Araneida: Araneae] Unknown species 5191 [Coleoptera] Unknown species 2355 9516 [Coleoptera: Buprestidae] <i>Agrilus planipennis</i> 9944 9945
[Acari: Tarsonemidae] Unknown species 1947 [Acari: Tenuipalpidae] <i>Dolichotetranychus floridanus</i> 3323	[Coleoptera: Carabidae] Unknown species 11831 <i>Agonum dorsale</i> 4029 4044 <i>Bembidion lampros</i> 4043 <i>Hapalus sp.</i> 4045	[Coleoptera: Cerambycidae] Unknown species 5073 5074 5075 5080 7276 <i>Anoplophora glabripennis</i> 8411
[Acari: Tetanychidae] <i>Tetranychus</i> 9457 [Coleoptera: Carabidae] Unknown species 11819	[Thysanoptera: Thripidae] <i>Taeniothrips inconsequens</i> 10162 10231 10232 10233 11629	[Coleoptera: Chrysomelidae] Unknown species 6491 <i>Pyrrhalta luteola</i> 1507 1508
<b>Hirsutella thompsonii var. syn-nematos</b>	<b>Isaria amoenerosea</b>	[Coleoptera: Coccinellidae] Unknown species 5574 5834
[Acari: Tetanychidae] <i>Mononychellus tanajoa</i> 5412	[Coleoptera: Curculionidae] Unknown species 11830 <i>Otiorrhynchus sulcatus</i> 2937 <i>Premnotrypes vorax</i> 799 <i>Sitona lineatus</i> 4039	[Coleoptera: Curculionidae] Unknown species 11830 <i>Otiorrhynchus sulcatus</i> 2937 <i>Premnotrypes vorax</i> 799 <i>Sitona lineatus</i> 4039
<b>Hirsutella thompsonii var. vinacea</b>	<b>Isaria andoi</b>	[Coleoptera: Lagriidae] <i>Lagria vilosa</i> 741 744 2220 2958 2959 2960 4097
[Acari: Eriophyidae] <i>Acalitus vaccinii</i> 254	[Coleoptera: Meloidae] Unknown species 4849	[Coleoptera: Lagriidae] <i>Lagria vilosa</i> 1957
<b>Hirsutella versicolor</b>	<b>Isaria cateniannullata</b>	[Coleoptera: Scarabaeidae] Unknown species 6488 6489
[Hemiptera: Cicadellidae] <i>Idiocerus nitidulus</i> 4512	[Coleoptera: Curculionidae] Unknown species 6241 <i>Brachyderes incanus</i> 6243	[Coleoptera: Scolytidae] <i>Dendroctonus micans</i> 9269 9270 9275 9276 9277 9278
[Hemiptera: Membracidae] Unknown species 1034 1037	[Lepidoptera] Unknown species 6240 9601 11722	[Coleoptera: Silphidae] Unknown species 9511
<b>Hirsutella verticilliodes</b>	[Lepidoptera: Lymantriidae] <i>Lymantria dissoluta</i> 6242	[Coleoptera: Staphylinidae] <i>Staphylinus olens</i> 4040
[Hemiptera: Cicadellidae] <i>Idioscopus clypealis</i> 2599	[Lepidoptera: Lymantriidae]	[Coleoptera: Tenebrionidae] Unknown species 5699 11827 <i>Alphitobius diaperinus</i> 5858 <i>Tenebrio molitor</i> 8917
<b>Humicola sp.</b>	<b>Isaria cateniannullata(?)</b>	[Coleoptera: Elateroidea] Unknown species 11710
[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2069	[Lepidoptera: Arctiidae] <i>Hyphantria cunea</i> 12166	[Collembola] Unknown species 6482
<b>Hymenostilbe sphecophila</b>	<b>Isaria catenobiliqua</b>	[Diptera] Unknown species 10156 10160 10165 11834
[Hymenoptera] Unknown species 6292	[Coleoptera] Unknown species 6244	[Diptera: Bibionidae] Unknown species 11828
<b>Hymenostilbe verrucosa</b>	[Orthoptera: Acridoidea] Unknown species 6283	[Diptera: Culicidae] <i>Aedes albifasciatus</i> 2971 <i>Aedes sierrensis</i> 1939
[Araneida] Unknown species 2002	[Lepidoptera]	[Diptera: Muscidae] Unknown species 11832
<b>Hypocrella discoidea</b>	Unknown species 11726	[Diptera: Simuliidae] Unknown species 11826
[Hemiptera: Coccoidea] Unknown species 7681	<b>Isaria cicadae</b>	[Diptera: Tachinidae] Unknown species 1348 1349
<b>Hypocrella javanica</b>	<b>Isaria coleopterorum</b>	[Diptera: Tipulidae] Unknown species 11824
[Hemiptera: Coccoidea] Unknown species 7605	[Coleoptera: Lampyridae] Unknown species 9509	
<b>Hypocrella panamensis</b>	[Diptera: Tipulidae] Unknown species 10163	
[Hemiptera: Coccoidea] Unknown species 8361		
<b>Hypocrella raciborskii</b>		
[Hemiptera: Coccoidea] Unknown species 7606		

[Diptera: Xylophagidae] Unknown species 9512	3518 3519 3520 3521 3522 3523 3524 3525 3526 3533 3595 3596 3597 3598 3599 3664 3665 3666	[Diptera] Unknown species 887
[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5178 5760 5761 5774 5775 5776 5784 5788 5790 5792 5797 5799 5800 5801 5802 5826 5827 5830 6028 6029 6030 6031 6032 6033 6034 6036 6037 6038 6048 6049	[Lepidoptera: Noctuidae] <i>Agrotis segetum</i> 4010 <i>Rivula atimeta</i> 2344 <i>Spodoptera</i> 2546	[Diptera: ?Stratiomyidae] Unknown species 2425
[Hemiptera: Aleyrodidae] <i>Aleurocanthus woglumi</i> 2954	[Lepidoptera: Notodontidae] <i>Quadricalcarifera punctatella</i> 1042	[Diptera: Calliphoridae] <i>Calliphora</i> 1646
<i>Bemisia tabaci</i> 3572 3574 3575 3576 3585 3579 3580 3582 3583 3584 3585 3586 3587 3588 3589 3591 3592 3593 3658 3659 3661 5081 5082 5083 5084 5306	[Lepidoptera: Nymphalidae] Unknown species 981 <i>Chlosyne lacinia saundersii</i> 1065	[Diptera: Muscidae] <i>Musca autumnalis</i> 1626 <i>Musca domestica</i> 1644 1645 1867 1868
<i>Trialeurodes vaporariorum</i> 4412	[Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 7531 7574 7575 7576 7961 7962 8770 11656	5860
[Hemiptera: Aphididae] <i>Diuraphis noxia</i> 6222 6609 6983	<i>Ostrinia nubilalis</i> 3983	[Hemiptera: Aleyrodidae]
[Hemiptera: Coccidae] Unknown species 9513	[Lepidoptera: Sesiidae] <i>Conopia myopaeformis</i> 1108	<i>Bemisia</i> 3313 3800 6797 6798
[Hemiptera: Lygaeidae] Unknown species 6496	[Lepidoptera: Tortricidae] <i>Cydia pomonella</i> 975 5883 5884 5885 6200 6202 6207	<i>Bemisia argentifolii</i> 5154 5155 5156 5157 5158 5159 5462 5463 5464
[Hemiptera: Miridae] Unknown species 6607	<i>Laspeyresia medicaginis</i> 1225 <i>Lobesia botrana</i> 1111	<i>Bemisia tabaci</i> 3076 3083 3322 3408 3581 3590 3594 3660 3662 3663 3699 3700 3843 3848 3851 3878
[Hemiptera: Pentatomidae] Unknown species 11833	[Opilionidae] Unknown species 5194	3889 4482 4483 4484 4485 4486
<i>Aelia</i> 6097 6098 6493 6497	[Thysanoptera: Thripidae] Unknown species 11822 11823	4490 4491 4492 4493 4494 4495
[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5675 5676 5679 6012 6017 6020 6044 6481 6490 6495	<i>Taeniothrips inconsequens</i> 3564 10155 10157 10158 10159 10161	4496 4497 4498 4499 4501 4502 4503 5085 5086 5087 5088 5089
[Hymenoptera] Unknown species 7249 7262	<b>Isaria farinosa(?)</b>	5090 5107 5113 5115 5116 5117
[Hymenoptera: Eulophidae] Unknown species 11835	[Hemiptera: Psyllidae] Unknown species 7219	5118 5119 5121 5122 5260 5261
[Hymenoptera: Formicidae] Unknown species 7728 9510	<b>Isaria flavovirescens</b>	5262 5263 5264 5265 5266 5267
[Hymenoptera: Formicoidea] Unknown species 9514	[Diptera: Cecidomyiidae] <i>Resseliella odai</i> 1686	5268 5269 5270 5271 5272 5297
[Hymenoptera: Pamphiliidae] <i>Acantholyda erythrocephala</i> 5548	<b>Isaria fumosorosea</b>	5298 5299 5300 5301 5302 5303
[Hymenoptera: Tenthredinidae] <i>Pristiphora erichsonii</i> 1851	[Acari] Unknown species 6610	5304 5305 5307 5308 5309 5310
[Lepidoptera] Unknown species 2822 3152 4090 5996 6245 7118 7714 7720 7722 7723 7724 7725 7726 7730 7731 7733 7734 7736 7737 11721 11829	[Acari: Ixodidae] <i>Ixodes ricinus</i> 7069	5311 5312 5313 5314 5315 5316
[Lepidoptera: Arctiidae] <i>Pyrrharctia isabella</i> 3017	[Coleoptera] Unknown species 5694 7716 9602	5317 5318 5319 5320 5322 5323
[Lepidoptera: Cossidae] <i>Prionoxystus robiniae</i> 2269	[Coleoptera: Buprestidae] <i>Agrilus planipennis</i> 8142	5324 5325 5326 5327 5328 5329
[Lepidoptera: Geometridae] <i>Alosophila pometaria</i> 5368 <i>Lambdina athasaria</i> 3537 3538	[Coleoptera: Chrysomelidae] Unknown species 8840	5330 5331 5475 5476 6434 6435
[Lepidoptera: Lasiocampidae] Unknown species 9515	<i>Pyrrhalta luteola</i> 1506	6562
<i>Malacosoma americanum</i> 3	<i>Spaethiella</i> 2956	<b>Trialeurodes vaporariorum</b> 2658 4205
[Lepidoptera: Lymantriidae] <i>Leucoma salicis</i> 38	[Coleoptera: Coccinellidae] <i>Coccinella septempunctata</i> 9521	4401 4404 4406 4407 4408 4409
<i>Lymantria dispar</i> 20 648 697 2057 2131 2564 2835 3221 3490 3491 3492 3493 3494 3495 3496 3497 3498 3499 3500 3501 3502 3503 3504 3505 3506 3507 3508 3517	[Coleoptera: Lagriidae] <i>Lagria vilosa</i> 722 2216 2217 2219 2221	4410 4411 4413 4414 4415 6916
	[Coleoptera: Scarabaeidae] <i>Popillia japonica</i> 2679	7051 7204 7205 8716 8717 8718
	<i>Rhopaea magnicornis</i> 8892	8719 8720 8721 8723 8724 8725
	[Coleoptera: Scolytidae] <i>Hypothenemus hampei</i> 6730 7284	8726 8727 8728 8729 8730 8928
	[Coleoptera: Tenebrionidae] <i>Alphitobius diaperinus</i> 5844 5845 5846 5847	[Hemiptera: Aphididae] Unknown species 3682 4400 6789
	<i>Tenebrio molitor</i> 5627	<i>Diuraphis noxia</i> 3824 4383 4459 4460 4461 4698 4699 4700 4701 4702
	[Dictyoptera: Blattellidae] <i>Blattella germanica</i> 5855	4703 4704 4705 4706 4707 4708 4709 4710 4711
		<i>Myzus persicae</i> 3458
		[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 2198
		[Hemiptera: Miridae] <i>Adelphocoris</i> 1530 1532
		[Hemiptera: Pentatomidae] Unknown species 3429
		[Hemiptera: Pseudococcidae] <i>Phenacoccus solani</i> 2247
		[Hemiptera: Psyllidae] <i>Heteropsylla incisa</i> 2175
		[Hemiptera: spf. Fulgoroidea] Unknown species 7050
		[Hymenoptera: Aphelinidae] <i>Eretmocerus californicus</i> 5253 5254 5255 5256 5257 5258
		[Lepidoptera] Unknown species 5251 5252 7743 9520
		[Lepidoptera: Arctiidae] <i>Hyphantria cunea</i> 1568 1569 1577 1578 1579 10224 12172 12173 12174 12175 12177

## Host by Fungus

*Isaria fumosorosea*  
*Lecanicillium lecanii*

[Hemiptera: Coccidae] Unknown species 6888 <i>Ceroplastes</i> 6791 <i>Coccus viridis</i> 2149 2150	[Diptera: Culicidae] <i>Ochlerotatus triseriatus</i> 810	[Pucciniales: Phragmidiaceae] <i>Phragmidium</i> 7631
[Hemiptera: Coccoidea] Unknown species 7408 7550	[Diptera: Psychodidae] <i>Lutzomyia saulensis</i> 3418	[Thysanoptera: Thripidae] Unknown species 2923 <i>Frankliniella occidentalis</i> 3684 3685 3686 3690 3691
[Hemiptera: Lecaniidae] <i>Lecanium viridis</i> 555	[Diptera: Tipulidae] Unknown species 2329	<i>Taeniothrips inconsequens</i> 10178
[Hemiptera: Scutelleridae] <i>Eurygaster</i> 6010	[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5165 5772 5778 5779 5780 5782 5791 5795 5798 5822 5828 6035 11818	[Uredinales] <i>Hemileia vastatrix</i> 6699
[Thysanoptera: Thripidae] <i>Frankliniella occidentalis</i> 3683 3688	[Hemiptera: Aleyrodidae] Unknown species 3709 <i>Trialeurodes vaporariorum</i> 972 5128 7460	<b>Lecanicillium muscarium(?)</b>
<b>Lecanicillium lecanii(?)</b>	[Hemiptera: Aphididae] Unknown species 2659 7034 <i>Aphis fabae</i> 7785 <i>Diuraphis noxia</i> 2862 2877 2878 3000 3861 <i>Macrosiphum euphorbiae</i> 204 2858 <i>Myzus nr. persicae</i> 2323 2325 2326 <i>Myzus cerasi</i> 6914 <i>Myzus persicae</i> 3324 7782 8714 <i>Pemphigus betae</i> 3464 <i>Sitobion avenae</i> 2334	[Coleoptera: Buprestidae] <i>Agrilus planipennis</i> 8162
[Hemiptera: Coccidae] <i>Coccus hesperidium</i> 6289	[Hemiptera: Cicadellidae] Unknown species 7037	[Coleoptera: Curculionidae] <i>Conotrachelus nenuphar</i> 8265
[Hemiptera: Diaspididae] <i>Fiorinia externa</i> 11815	[Hemiptera: Coccoidea] Unknown species 7633	[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5777 11816
[Lepidoptera: Tortricidae] <i>Cydia pomonella</i> 1109	[Hemiptera: Delphacidae] <i>Delphacodes kuscheli</i> 7781	[Hemiptera: Aleyrodidae] Unknown species 9464
[Thysanoptera: Thripidae] <i>Frankliniella occidentalis</i> 3689 <i>Thrips tabaci</i> 5580	[Hemiptera: Eriococcidae] <i>Cryptococcus fagisuga</i> 3740	[Hemiptera: spf. Coccoidea] Unknown species 9463
<b>Lecanicillium longisporum</b>	[Hemiptera: Margarodidae] <i>Icerya purchasi</i> 1033	[Lepidoptera: Tortricidae] <i>Cydia pomonella</i> 1032
[Coleoptera: Staphylinidae] <i>Tachyporus hypnorum</i> 4050	[Hemiptera: Pentatomidae] <i>Palomena prasina</i> 11730 11731 11733 11734	[Pucciniales: Phragmidiaceae] <i>Phragmidium</i> 9462
[Hemiptera: Aleyrodidae] <i>Trialeurodes vaporariorum</i> 7206 7461	[Hemiptera: Scutelleridae] <i>Eurygaster</i> 6118	[Thysanoptera: Thripidae] <i>Frankliniella occidentalis</i> 3687
[Hemiptera: Aphididae] Unknown species 974 7457 7458 7459 7783 7784 7923 8042	[Hymenoptera: Ichneumonidae] Unknown species 1330	<b>Lecanicillium nr. aranearum</b>
<i>Macrosiphoniella sanborni</i> 5126 <i>Myzus persicae</i> 1026 <i>Rhopalosiphum nymphaeae</i> 321 <i>Toxoptera citricida</i> 2460	[Lepidoptera] Unknown species 7621 7738 9468 9469 9477 11802	[Coleoptera: Elateridae] Unknown species 11811
[Thysanoptera: Thripidae] Unknown species 3701	[Lepidoptera: Cossidae] <i>Cossula cossus</i> 973 1102	[Coleoptera: Lampyridae] Unknown species 9460
<b>Lecanicillium muscarium</b>	[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2065 2066 3531 3600 3601	[Coleoptera: Scolytidae] <i>Ips</i> 11799
[Araneida] Unknown species 9467	[Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 7568 <i>Ostrinia nubilalis</i> 900	<b>Lecanicillium pissodis</b>
[Coleoptera: Buprestidae] <i>Agrilus planipennis</i> 8114 8118 8157 8163 8165	[Lepidoptera: Tortricidae] <i>Adoxophyes orana</i> 994 <i>Cydia pomonella</i> 6591	[Coleoptera: Curculionidae] <i>Pissodes strobi</i> 8055 8056 8057
[Coleoptera: Curculionidae] Unknown species 7248 <i>Hypera postica</i> 1328 1401 1402 1403 <i>Pissodes strobi</i> 8048 8049 8050 8051 8052 8053 8054	[Pucciniales] Unknown species 9471 9472	<b>Lecanicillium psalliotae</b>
<i>Sitona lineatus</i> 4033		[Acari: Tenuipalpidae] <i>Raoiella indica</i> 8890
[Coleoptera: Melyridae] <i>Malachius bipustulatus</i> 1335		[Diptera] Unknown species 10179
[Coleoptera: Scolytidae] <i>Dendroctonus micans</i> 4036 9267 9268 <i>Ips</i> 11803		[Diptera: Psychodidae] <i>Lutzomyia sordelli</i> 3416
[Coleoptera: Tenebrionidae] <i>Tenebrio molitor</i> 8923		[Hemiptera: Aleyrodidae] <i>Bemisia tabaci</i> 5582 6436
[Diptera] Unknown species 7224 9470 10173		[Hemiptera: Aphididae] Unknown species 9474 <i>Sitobion avenae</i> 2332
		[Hemiptera: Margarodidae] <i>Icerya aegyptica</i> 6581 6582
		[Hemiptera: Pseudococcidae] <i>Rhizoeucus</i> 2234 2235
		[Hemiptera: Scutelleridae] <i>Eurygaster</i> 5666 5681 5683 5763 5835 6071
		[Lepidoptera] Unknown species 5685
		[Thysanoptera: Thripidae] <i>Taeniothrips inconsequens</i> 10170 10175 10176 10177 10180 10181 10182
		[Tylenchida: Heteroderidae] <i>Meloidogyne hapla</i> 4960 4965

## Host by Fungus

[Uredinales] <i>Olivea colebrookeae</i> 5249	<b>Metarhizium sp.</b> [Coleoptera: Chrysomelidae] Unknown species 11849 <i>Agelastica alni</i> 7643	[Coleoptera: Chrysomelidae] <i>Brontispa longissima</i> 8745 8746 8747 <i>Cerotoma arcuata</i> 760 2076 2077 2635 2941 <i>Diabrotica</i> 1885 2513 <i>Diabrotica speciosa</i> 1056 1958
<b>Lecanicillium psalliotae(?)</b> [Thysanoptera: Thripidae] <i>Taeniothrips inconsequens</i> 10183	[Coleoptera: Scarabaeidae] <i>Amphimallon solstitiale</i> 11668 11669 11685 11686 <i>Dermolepida albohirtum</i> 7493 <i>Rhopaea magnicornis</i> 7495 8851 8852 8855 8856 8857	[Coleoptera: Coccinellidae] <i>Coleomegilla maculata</i> 808
<b>Lecanicillium sp. 2(?)</b> [Coleoptera] Unknown species 2832	[Hemiptera: Cicadellidae] Unknown species 2353	[Coleoptera: Curculionidae] Unknown species 8098 8099 <i>Blosyrus asellus</i> 9217 9218 <i>Chalcodermus aeneus</i> 725 929 <i>Desiantha diversipes</i> 8568 8569 <i>Geraeus senilis</i> 3305 3306 3308 <i>Listronotus maculicollis</i> 9374 <i>Otiorhynchus ligustici</i> 4819 4820 4821 4822 4823 4824
<b>Lecanicillium wallacei(?)</b> [Diptera] Unknown species 10172 10174	[Hemiptera: Cicadidae] Unknown species 7645	[Orthoptera: Catantopidae] <i>Calliptamus italicus</i> 8699 [Orthoptera: Pyrgomorphidae] <i>Zonocerus variegatus</i> 3615 3618
<b>Lecanicillium(?) sp.</b> [Hemiptera: Adelgidae] <i>Adelges tsugae</i> 9369	[Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 4997 4998 4999 5000 5001 5076 5077	[Orthoptera: Elateridae] Unknown species 8543 8544 8545 8546 8547 8548 11850 <i>Agriotes</i> 6551 7494 7524 <i>Agriotes sputator</i> 1377 <i>Conoderus</i> 1903 <i>Limonioides canus</i> 7000 7001 7002 7003 7004 7005 7006 7007 7008 7009
<b>Leptolegnia sp.</b> [Dorylaimida: Longidoridae] <i>Xiphinema</i> 2004	[Orthoptera: Catantopidae] <i>Locusta migratoria capito</i> 5736 <i>Ornithacris cavroisi</i> 3341 7486 <i>Patanga succincta</i> 3609 <i>Schistocerca piceifrons</i> 5747 5748 5750	[Coleoptera: Scarabaeidae] Unknown species 2163 3479 7527 7529 <i>Adoryphorus coulonii</i> 4137 4138 4141 4142 4239 4346 4677 4716 4722 7815 <i>Amphimallon majale</i> 9373 <i>Anomola</i> 8738 8739 8740 8741 8742 8743 <i>Anoplognathus</i> 8764 <i>Anoplognathus hirsutus</i> 4574 4779 <i>Antitrogus consanguineus</i> 8761 <i>Antitrogus mussoni</i> 7842 7865 7931 <i>Antitrogus parvulus</i> 7496 7819 7839 7854 7864 8832 8833 8834 8893 <i>Aphodius tasmaniae</i> 4125 4132 4133 4139 7845 <i>Costelytra zealandica</i> 3056 3057 <i>Cotinis nitida</i> 11951 <i>Cyclocephala</i> 8837 8838 <i>Dasygnathus dejani</i> 8839 <i>Dermolepida albohirtum</i> 7452 7492 8744 8754 8755 10469 <i>Heteronychus arator</i> 7932 7933 7934 7935 7936 8549 8550 8551 8552 8553 8554 8555 8556 8557 8576 8848 8849 <i>Heteronyx</i> 7843 7844 8586 <i>Heteronyx piceus</i> 7451 8500 8558 8559 8582 8583 8592 8615 8616 8617 8618 8619 8620 8621 <i>Heteronyx rugosipennis</i> 8563 8564 8565 8566 8567 8577 8610 <i>Lepidiota consobrina</i> 7411 7827 7828 7846 8830 8831 8845 8850 <i>Lepidiota frenchi</i> 7829 7830 7831 8733 <i>Lepidiota gibbifrons</i> 7824 7825 7826 <i>Lepidiota negatoria</i> 7832 <i>Lepidiota noxia</i> 7504
<b>Mariannaea elegans</b> [Diptera] Unknown species 9455 9456	[Orthoptera: Pyrgomorphidae] <i>Zonocerus elegans</i> 3391	
<b>Mariannaea pruinosa</b> [Lepidoptera: Limacodidae] <i>Iragoides fasciata</i> 5413	<b>Metarhizium album</b> [Hemiptera: Cicadellidae] Unknown species 2081 <i>Cofana spectra</i> 2082 <i>Nephrotettix virescens</i> 1840 1941 1942 1943 2176 2178 <i>Recilia dorsalis</i> 2179	
<b>Mariannaea sp.</b> [Hymenoptera: Vespidae] Unknown species 11814	<b>Metarhizium anisopliae</b> [Diptera] Unknown species 9487	
[Thysanoptera: Thripidae] Unknown species 9932 9933 9934 11812 11813	<b>Metarhizium anisopliae sensu lato</b> [Acar: Ixodidae] <i>Boophilus</i> 4556	
<i>Taeniothrips inconsequens</i> 2930 3252 3257 3258 3261 3262 3263 3264 3265 3267 3268 3269 3270 3315 3316 3317 3549 3554 3555 3557 3558 3559 3562 3563 10150 10151 10152 10153 10185 10194 10204 10205	[Araneida] Unknown species 5851	
<b>Massospora cicadina</b> [Hemiptera: Cicadidae] <i>Magicicada septendecim</i> 374	[Coleoptera] Unknown species 4290 4333 4334 4335 4336 4337 4338 4339 4340 4341 4557 4558 4572 4582 <i>Haphochetus marginalis</i> 3148	
<b>Metarhiziopsis microspora</b> [Hemiptera: Diaspididae] <i>Fiorinia externa</i> 8676 8984 8985 8986 8987 8988 11842 11843 11851	[Coleoptera: Bruchidae] Unknown species 932 954	
	[Coleoptera: Carabidae] Unknown species 939 1901	
	[Coleoptera: Cerambycidae] <i>Agrianome spinicollis</i> 7498 7499 7500	
	<i>Anoplophora glabripennis</i> 6388 6389 7180	

<i>Lepidiota picticollis</i> 8501	[Hemiptera: Aphididae]	8535 8536 8537 8538 8539 8540
<i>Lepidiota squamulata</i> 7816	<i>Diuraphis noxia</i> 3822	8541 8542 8575
<i>Melolontha melolontha</i> 7532	<i>Pemphigus trehernei</i> 6570	[Isoptera: Termitidae]
<i>Oryctes</i> 2156 2165 2166 2167	[Hemiptera: Cercopidae]	<i>Drepanotermes perniger</i> 8062
<i>Pachnoda interrupta</i> 6670 6671 6672	Unknown species 1282 1299 1379 1382	<i>Microcerotermes</i> 8590 8591
6673 6674 6675 6677 6678 6679	1890 1891 1895 1899 1902 1911	<i>Nasutitermes exitiosus</i> 8060 8061 8068
6680 6682 6683 6684 6685	3147 3307 7474 7475 7476 8376	8069 8070 8071 8075 8080 8082
<i>Papuana</i> 8748	8498 8527	8083 8084 8085 8086 8090 8091
<i>Phyllopertha horticola</i> 6901	<i>Aeneolamia varia</i> 6319 6342 6343 6345	8097 8100 8229 8230 8570
<i>Phyllophaga ?anxia</i> 2135 2136 2137	6346	[Lepidoptera]
2138 2139	<i>Deois</i> 2521	Unknown species 1094 2424 9541
<i>Phyllophaga anxia</i> 8499	<i>Deois flavopicta</i> 729 759 782 925 955	[Lepidoptera: Crambidae]
<i>Popillia japonica</i> 1280 2548 3329 3330	1970	Unknown species 3064
3331 3332 3333 3334 3335 3336	<i>Deois incompleta</i> 1449	[Lepidoptera: Hepialidae]
3337 3338 3339 3340 3713 3720	<i>Kanaima fluvialis</i> 8377	<i>Oncopera alboguttata</i> 7820 7821 7822
4907 4908 9372	<i>Mahanarva posticata</i> 1896 1898	7823
<i>Rhopaea magnicornis</i> 8492 8765 8766	<i>Mahanarva</i> sp. 6321 6322	<i>Oncopera intrucata</i> 4234
8767 8829 8844	<i>Zulia carbonaria</i> 6457 6468	<i>Wiseana</i> sp. 4681
<i>Rhopaea verreauxii</i> 8495	<i>Zulia colombiana</i> 6356	[Lepidoptera: Lasiocampidae]
<i>Sericethis micans</i> 4568 4777 4778	<i>Zulia pubescens</i> 6323	<i>Malacosoma disstria</i> 6167
<i>Sericethis nigrolineata</i> 4780 7814	[Hemiptera: Cicadellidae]	[Lepidoptera: Noctuidae]
7863	<i>Recilia dorsalis</i> 543	<i>Helicoverpa zea</i> 11637
<i>Sericethis</i> 4134 4236	[Hemiptera: Cicadidae]	<i>Spodoptera</i> 8735
[Coleoptera: Staphylinidae]	Unknown species 4095	<i>Spodoptera frugiperda</i> 3293
Unknown species 8734	[Hemiptera: Delphacidae]	[Lepidoptera: Nymphalidae]
[Coleoptera: Tenebrionidae]	<i>Nilaparvata lugens</i> 456 457 485 486	<i>Chlosyne lacinia saundersii</i> 1059
<i>Alphitobius diaperinus</i> 5837 5841 5842	487 488 489 1284 1285 1286 1290	[Lepidoptera: Plutellidae]
5848 5850	1300 1304 1726 1727 1728 1744	<i>Plutella xylostella</i> 4522
<i>Tenebrio molitor</i> 8775 8776 8777 8778	1745 1823 2038 2039 7644	[Lepidoptera: Pyralidae]
8779 8780 8781 8782 8783 8784	[Hemiptera: Pentatomidae]	<i>Diatraea saccharalis</i> 3290 3291 3292
8785 8786 8787 8788 8789 8790	<i>Nezara viridula</i> 1055	<i>Eoreuma loftini</i> 5469
8791 8792 8793 8794 8795 8796	<i>Scotinophara coactata</i> 1432 1548 2341	<i>Galleria mellonella</i> 4904 4905 4906
8797 8798 8799 8858 8859 8860	2342 2343	5369 5513 5514 5515 5516 5517
8861 8862 8863 8864 8865 8866	<i>Tibraca limbaticentres</i> 1882 2212 2213	5518 5519 5521 5554 5555 5556
8867 8868 8869 8870 8871 8872	2214	6475 6558 7014 7015 7016 7017
8873 8874 8875 8876 8877 8878	[Hemiptera: Pseudococcidae]	7018 7019 7020 7021 7022 7023
8879 8880 8881 8882 8883 8884	<i>Paracoccus marginatus</i> 9612 9613	7024 7025 7026 7569 7570 7571
8885 8886 8887 8894 8895 8896	[Hymenoptera: Encyrtidae]	7572 7573 7612 7613 7614 7615
8897 8898 8899 8900 8901 8902	<i>Anagyrus</i> 3146	7847 7967 8212 8334 8335 8336
8903 8904 8905 8906 8907 8908	[Hymenoptera: Formicidae]	8338 8341 8342 8344 8346 8347
8909 8910 8911 8912 8913 8914	<i>Atta</i> 2510	8350 8351 8352 8353 8432 8433
8915 8916 8941 8942 8943 8944	<i>Myrmica rubra</i> 7059 7535 7537 7538	8434 8435 8436 8437 8438 8440
8945 8946 8947 8948 8949 8950	<i>Myrmica scabrinodis</i> 7536	8443 8445 8446 8447 8450 8451
8951 8952 8953 8954 8955 9235	[Isoptera]	8452 8453 8454 8560 8660 8662
9236 11945 11946 11947	Unknown species 2949 2951	8665 8669 8680 8681 8682 8683
<i>Tribolium castaneum</i> 3389 5624	[Isoptera: Kalotermitidae]	8684 8685 8686 8687 8688 8689
[Diptera]	<i>Cryptotermes brevis</i> 7927 7928 7930	8690 8691 8692 8769 11661
Unknown species 9939	<i>Neoterpes</i> 8731	[Orthoptera]
[Diptera: Anthomyiidae]	[Isoptera: Mastotermitidae]	Unknown species 728 6237
<i>Delia floralis</i> 5520	<i>Mastotermes</i> 7506	[Orthoptera: Acrididae]
[Diptera: Culicidae]	<i>Mastotermes darwiniensis</i> 8581 8584	Unknown species 8608 8609
<i>Ochlerotatus triseriatus</i> 3827	8585 8587 8588 8589	<i>Acrotylus</i> 3605
[Diptera: Ephydriidae]	[Isoptera: Rhinotermitidae]	<i>Oxya multidentata</i> 3619
? <i>Hydrellia</i> 2105	<i>Coptotermes</i> 8063 8089 8092 8093	<i>Phaulacridium vittatum</i> 7862
<i>Scatella tenuicosta</i> 8248 8249	<i>Coptotermes acinaciformis</i> 8064 8081	<i>Schistocerca gregaria</i> 3127 5628
[Diptera: Stratiomyidae]	8087 8088	<i>Schistocerca piceifrons</i> 5746 5749 5752
<i>Boreoides tasmaniensis</i> 4600 4620	<i>Coptotermes formosanus</i> 6909 6910	[Orthoptera: Catantopidae]
<i>Inopus rubriceps</i> 7840 7841 7855 7856	6911 8015	<i>Calliptamus italicus</i> 8696 8698 8701
7857 7858 7859 7860 7861 7914	<i>Coptotermes frenchi</i> 8067	8702
7915 7916 7917 7918 7919 7920	<i>Coptotermes lacteus</i> 8059 8072 8073	[Orthoptera: Gryllidae]
7926 8497	8074 8094 8095 8231 8232 8233	<i>Teleogryllus commodus</i> 435 438 440
[Hemiptera]	8234 8235 8236 8502 8503 8504	441 442 445 7489 7490 8760 8841
Unknown species 4901 4902	8505 8506 8507 8508 8509 8510	8842
[Hemiptera: Adelgidae]	8511 8512 8513 8514 8515 8516	[Orthoptera: Gryllotalpidae]
<i>Adelges tsugae</i> 9590	8517 8518 8531 8532 8533 8534	<i>Gryllotalpa gryllotalpa</i> 11694

## Host by Fungus

[Phasmatodea: Phasmatidae] Unknown species 6236	<b>Metarhizium anisopliae</b> var. <i>anisopliae</i> [Diptera: Syrphidae] <i>Eumerus strigatus</i> 6550	<b>Metarhizium flavoviride</b> [Coleoptera: Curculionidae] <i>Ceutorhynchus macula-alba</i> 2133 <i>Otiorhynchus sulcatus</i> 2024
[Primates: Hominidae] <i>Homo sapiens</i> 8759		[Coleoptera: Scarabaeidae] <i>Lachnostenra bidentata</i> 8737
[Thysanoptera: Thripidae] Unknown species 11840	<b>Metarhizium anisopliae</b> var. <i>lepidotiae</i> [Coleoptera: Scarabaeidae] <i>Dermolepida albohirtum</i> 7453 <i>Lepidiota consobrina</i> 8732	[Orthoptera: Acrididae] <i>Chortoicetes terminifera</i> 8758
<i>Frankliniella occidentalis</i> 9591		
<i>Taeniothrips inconsequens</i> 10135 10136 10137		<b>Metarhizium flavoviride</b> 'Type E' [Hemiptera: Cicadellidae] Unknown species 2948
<b>Metarhizium anisopliae</b> sensu stricto		<b>Metarhizium flavoviride</b> var. <i>flavoviride</i> ■
[Coleoptera: Chrysomelidae] <i>Brontispa longissima</i> 2223		[Coleoptera: Curculionidae] <i>Otiorhynchus sulcatus</i> 1184
[Coleoptera: Curculionidae] <i>Otiorhynchus sulcatus</i> 6546		[Coleoptera: Scarabaeidae] <i>Adoryphorus coulonii</i> 4719 4720
[Coleoptera: Elateridae] <i>Conoderus</i> 2518	<b>Metarhizium anisopliae</b> var. <i>majus</i> [Coleoptera: Scarabaeidae] <i>Heteronyx piceus</i> 7450 <i>Holotrichia consanguinea</i> 10475 <i>Holotrichia serrata</i> 10472 10476 <i>Phyllophaga cuyabana</i> 3924	
[Diptera: Stratiomyidae] Unknown species 7418 7419 7423 7426 7427 7428	[Coleoptera: Scarabaeidae] <i>Oryctes rhinoceros</i> 2151 3145 <i>Xyloryctes jamaicensis</i> 297 298	<b>Metarhizium flavoviride</b> var. <i>minus</i> [Hemiptera: Cicadellidae] Unknown species 2339 <i>Nephrotettix virescens</i> 1945 <i>Recilia dorsalis</i> 1546 1547
[Hemiptera: Cercopidae] Unknown species 1045 1912	[Lepidoptera: Noctuidae] <i>Spodoptera</i> 8736	[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 1099 1271 1272 1273 1274 1275 1276 1277 1279 1283 1287 1288 1289 1291 1292 1293 1294 1295 1296 1297 1301 1302 1303 1305 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 2037
<i>Aeneolamia varia</i> 798 3621 6347		[Orthoptera: Acrididae] Unknown species 2023
<i>Deois flavopicta</i> 1044 1900 2517		
<i>Mahanarva fimbriolata</i> 7979 7981	<b>Metarhizium brunneum</b> [Acar: Ixodidae] <i>Boophilus</i> 3297	<b>Metarhizium flavoviride</b> var. <i>no-vazealandicum</i> [Lepidoptera: Crambidae] Unknown species 8214
<i>Mahanarva posticata</i> 1894 2627 7980	[Coleoptera: Cerambycidae] <i>Anoplophora glabripennis</i> 6392 7234 8415 8416 8417 8418 8419	
<i>Zulia pubescens</i> 6317 6318	[Coleoptera: Curculionidae] Unknown species 2210 2224	<b>Metarhizium flavoviride</b> var. <i>pemphigum</i> [Hemiptera: Aphididae] <i>Pemphigus</i> 7491 <i>Pemphigus trehernei</i> 6569
[Hemiptera: Cicadellidae] <i>Nephrotettix virescens</i> 2153	<i>Otiorhynchus sulcatus</i> 817 820 4228 5198	[Isocoptera: Rhinotermitidae] <i>Reticulitermes flavipes</i> 9358
[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 2080 2421	<i>Sitona lineatus</i> 4020	
[Hemiptera: Pentatomidae] Unknown species 755	[Coleoptera: Elateridae] <i>Agriotes</i> 2107	<b>Metarhizium frigidum</b> [Coleoptera: Scarabaeidae] <i>Adoryphorus</i> 4124
<i>Tibraca limbaticiventris</i> 1883	[Coleoptera: Scarabaeidae] Unknown species 472	[Isocoptera: Rhinotermitidae] <i>Coptotermes lacteus</i> 7436 7437 7438 7439 7440 7441 7442 7443 7444 7445 7446 7447 7448
[Isoptera: Mastotermitidae] <i>Mastotermes darwiniensis</i> 7430	[Diptera: Culicidae] <i>Aedes crinifer</i> 2974	<b>Metarhizium globosum</b> [Lepidoptera: Pyralidae] <i>Pyrausta machaeralis</i> 2596
[Isoptera: Rhinotermitidae] <i>Coptotermes lacteus</i> 7432	<i>Ochlerotatus triseriatus</i> 3826	
[Lepidoptera: Noctuidae] <i>Helicoverpa zea</i> 1080	[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 455	<b>Metarhizium guizhouense</b> [Coleoptera: Curculionidae] <i>Myllorcerus discolor</i> 3603
<i>Mocis</i> 587	[Hymenoptera: Formicidae] <i>Solenopsis invicta</i> 3738	<i>Sitona discoideus</i> 819
<i>Spodoptera litura</i> 10473	[Isocoptera: Rhinotermitidae] <i>Coptotermes formosanus</i> 3045	[Coleoptera: Scarabaeidae] Unknown species 683
[Lepidoptera: Pyralidae] <i>Eoreuma loftini</i> 5471	[Lepidoptera: Bombycidae] <i>Bombyx mori</i> 988	<i>Melolontha melolontha</i> 977
<i>Ostrinia nubilalis</i> 1489	[Lepidoptera: Hepialidae] <i>Oxycanus</i> 1187	<i>Papuana woodlarkiana</i> 4604
[Orthoptera: Acrididae] <i>Schistocerca gregaria</i> 7487	[Lepidoptera: Lyonetiidae] <i>Leucoptera scitella</i> 1116	
[Orthoptera: Gryllotalpidae] Unknown species 2786	[Lepidoptera: Noctuidae] <i>Anticarsia gemmatalis</i> 3295	
<b>Metarhizium anisopliae</b> var. <i>acridum</i>	<i>Spodoptera frugiperda</i> 3294	
[Orthoptera: Acrididae] Unknown species 5734	[Lepidoptera: Olethreutidae] <i>Carpocapsa pomonella</i> 1095	
<i>Austracris guttulosa</i> 7970 8359	[Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 6474 8671	
[Orthoptera: Acrididae: Cyrtacanthacridinae] <i>Kraussaria angulifera</i> 3614	[Lepidoptera: Tortricidae] <i>Lobesia botrana</i> 1112	
[Orthoptera: Pyrgomorphidae] <i>Zonocerus variegatus</i> 3606	[Orthoptera: Acrididae] <i>Schistocerca piceifrons</i> 5751	

[Diptera: Stratiomyidae] Unknown species 7420	<b>Metarhizium robertsii</b> [Coleoptera: Carabidae] Unknown species 2469	<b>Moelleriella umbospora</b> [Hemiptera: Coccoidea] Unknown species 11870 11871
[Lepidoptera] Unknown species 6238	[Coleoptera: Cerambycidae] <i>Dectes texanus</i> 6472	<b>Monacrosporium cionopagum</b> [Tylenchida: Heteroderidae] <i>Meloidogyne hapla</i> 4966
[Lepidoptera: Bombycidae] <i>Bombyx mori</i> 703	[Coleoptera: Chrysomelidae] <i>Cerotoma arcuata</i> 724 <i>Diabrotica</i> 2514	<b>Monacrosporium ellipsosporum</b> [Tylenchida: Heteroderidae] <i>Meloidogyne hapla</i> 4957 4959
[Lepidoptera: Noctuidae] Unknown species 2140	[Coleoptera: Curculionidae] <i>Curculio caryae</i> 2575 3608 <i>Listronotus oregonensis</i> 2981 <i>Otiorrhynchus sulcatus</i> 1910	<b>Mortierella histoplasmatooides</b> [Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2063
[Orthoptera: Acrididae] <i>Pseudosphingonotus savignyi</i> 3611	[Coleoptera: Elateridae] <i>Conoderus</i> 23 1897	<b>Mortierella hyalina</b> [Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2061
<b>Metarhizium lepidiotae</b> [Coleoptera: Scarabaeidae] <i>Dermolepida albohirtum</i> 7488 <i>Lepidiota consobrina</i> 7412	[Coleoptera: Scarabaeidae] <i>Ancognatha scarabaeoides</i> 797 <i>Heteronychus arator</i> 7424 <i>Heteronyx</i> 7449 <i>Phyllophaga ?anxia</i> 2134 <i>Popillia japonica</i> 1046 1298 1878 3721 5149 <i>Rhizotrogus majalis</i> 2547 3108 3211 4123 <i>Strigoderma arboricola</i> 1968	<b>Mucor circinelloides</b> [Coleoptera: Cerambycidae] <i>Anoplophora glabripennis</i> 6470
<b>Metarhizium majus</b> [Coleoptera: Scarabaeidae] Unknown species 1858 1859 <i>Anoplognathus</i> 4566 4601 7505 <i>Oryctes</i> 1914 <i>Oryctes rhinoceros</i> 978 1946	[Coleoptera: Tenebrionidae] <i>Tribolium castaneum</i> 3388	<b>Mucor fragilis</b> [Araneae: Theridiidae] <i>Latrodectus geometricus</i> 11762
[Lepidoptera: Bombycidae] <i>Bombyx mori</i> 1015	[Hemiptera: Cicadidae] Unknown species 3925	<b>Mucor sp.</b> [Hemiptera: Cercopidae] <i>Zulia vilior costarricensis</i> 3535
<b>Metarhizium pingshaense</b> [Coleoptera] Unknown species 3210 4342 4610	[Hemiptera: Cydnidae] <i>?Cirtonemus</i> 1952	<b>Myriangium sp.</b> [Hemiptera: Adelgidae] <i>Adelges tsugae</i> 9915 9916 9917 9918 9919 11856 11857 11858
[Coleoptera: Cerambycidae] <i>Anoplophora glabripennis</i> 8420	[Hymenoptera: Formicidae] <i>Atta sexdens rubropilosa</i> 2560 <i>Solenopsis</i> 2561	[Hemiptera: Diaspididae] <i>Fiorinia externa</i> 11852 11853 11854 11855
[Coleoptera: Chrysomelidae] <i>Zygogramma bicolorata</i> 2231	[Isoptera: Kalotermitidae] <i>Kalotermes</i> 7413	<b>Myriangium duriae</b> [Hemiptera: Diaspididae] <i>Fiorinia externa</i> 8924 8925
[Coleoptera: Curculionidae] <i>Diaprepes abbreviata</i> 5197	[Isoptera: Rhinotermitidae] <i>Reticulitermes flavipes</i> 9607	<b>Myriodontium keratinophilum</b> [Hemiptera: Adelgidae] <i>Adelges tsugae</i> 11838
[Coleoptera: Scarabaeidae] Unknown species 2162	[Lepidoptera: Nymphalidae] <i>Chlosyne lacinia saundersii</i> 1057	[Hemiptera: Diaspididae] <i>Fiorinia externa</i> 11837
<i>Antitrogus mussoni</i> 7417	[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 5873	[Isopoda: Oniscoidea] <i>Porcellio</i> 368 386
<i>Antitrogus parvulus</i> 7410	[Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 4903 6476	[Orthoptera: Gryllotalpidae] <i>Gryllotalpa gryllotalpa</i> 11698
<i>Costelytra zealandica</i> 7435	[Orthoptera: Tettigoniidae] Unknown species 727	<b>Myrothecium sp.</b> [Isopota: Termitidae] <i>Nasutitermes acajutlae</i> 7804
<i>Oryctes rhinoceros</i> 538	<b>Microhilum oncoperae</b> [Lepidoptera: Hepialidae] <i>Oncopera intricata</i> 4358 4769 4770 4771	<b>Myrothecium verrucaria</b> [Diptera: Tipulidae] <i>Tipula</i> 9359
<i>Scapanes australis</i> 3604	<b>Mixed Culture sp.</b> [Coleoptera] Unknown species 11718	<b>Nematoctonus sp.</b> [Rhabditida: Rhabditidae] <i>Bunonema</i> 5663
[Diptera: Stratiomyidae] Unknown species 7414 7421 7422 7425 7429	[Coleoptera: Chrysomelidae] <i>Pyrrhalta fuscipennis</i> 1043	<b>Neobarya parasitica</b> [Sordariales: Nitschiaceae] <i>Bertia moriformis</i> 6156
[Hemiptera: Cicadellidae] <i>Nephrotettix cincticeps</i> 2043	[Coleoptera: Lampyridae] Unknown species 5188	
<i>Nephrotettix virescens</i> 2106	[Coleoptera: Scarabaeidae] <i>Amphimallon solstitiale</i> 11676 <i>Holotrichia parallelia</i> 4387	
[Hemiptera: Cydnidae] <i>Scaptoreas castanea</i> 1448	[Coleoptera: Aleyrodidae] <i>Bemisia tabaci</i> 4066	
[Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 576 1724 1725 1729	[Hemiptera: Pentatomidae] <i>Trialeurodes vaporariorum</i> 4403	
<i>Scotinophara coactata</i> 1545	[Lepidoptera: Pyralidae] <i>Corcyra cephalonica</i> 2738	
[Isoptera: Kalotermitidae] <i>Cryptotermes brevis</i> 7929		
[Isoptera: Rhinotermitidae] <i>Coptotermes lacteus</i> 7431		
[Lepidoptera] <i>Galactica</i> 552		
[Lepidoptera: Noctuidae] <i>Spodoptera</i> 2735		
[Orthoptera: Acrididae] <i>Phaulacridium vittatum</i> 7415 7416		
<i>Pseudosphingonotus savignyi</i> 3610		
[Orthoptera: Gryllidae] <i>Ornebius kanetataki</i> 1009		
<i>Teleogryllus commodus</i> 436 437 439 443 444 446		

## Host by Fungus

*Neozygites* sp.  
*Pandora* sp.

<b>Neozygites</b> sp.		
[Acari: Tetranychidae]		
<i>Tetranychus urticae</i> 662		
<b>Neozygites floridana</b> (?)		
[Acari: Tetranychidae]		
<i>Mononychellus tanajoa</i> 6219 6220		
6221		
<i>Tetranychus urticae</i> 5201 5202 5376		
<b>Neozygites parvispora</b>		
[Thysanoptera: Thripidae]		
<i>Thrips tabaci</i> 5620 5621		
<b>Neozygites tetranychii</b>		
[Acari: Tetranychidae]		
<i>Tetranychus althaea</i> 2677		
<b>Nomuraea</b> sp.		
[Lepidoptera: Noctuidae]		
Unknown species 7851		
<i>Helicoverpa armigera</i> 2413		
<b>Nomuraea atypicola</b>		
[Araneida]		
Unknown species 9594		
[Araneida: ?Argiopidae]		
Unknown species 1904		
[Araneida: Tetragnathidae]		
<i>Nephila clavipes</i> 7231		
<b>Nomuraea cylindrospora</b>		
[Hemiptera: Cicadidae]		
<i>Pomponia linearis</i> 6926		
<b>Nomuraea rileyi</b>		
[Hemiptera: Delphacidae]		
<i>Sogatella furcifera</i> 558		
[Lepidoptera]		
Unknown species 936 1879 1893		
[Lepidoptera: Bombycidae]		
<i>Bombyx mori</i> 711		
[Lepidoptera: Lymantriidae]		
<i>Lymantria</i> 481 482 483		
[Lepidoptera: Noctuidae]		
Unknown species 135 6875 9489 9490		
<i>Alabama argillacea</i> 7148		
<i>Anticarsia gemmatalis</i> 1950 2013 2201		
2202 2203 2204 2205 2207 2465		
2466 2492 3940 5208 5209 5210		
5211 5212 6732 6734 6736 6737		
6738 6739 6740 6741 6742 6743		
6744 6745 6746 6747 6748 6749		
6764 6765 6766 6767 6775 6776		
6777 6778 6779 6780 6782 6783		
6784 6786 6787 6868 6869 6870		
6872 6873 6874 6876 6877 6878		
7052 7053 7054 7055 7056 7149		
7150 7151 7479 7480 7481 7482		
7484 7778 7779 7780		
<i>Helicoverpa armigera</i> 6239		
<i>Mocis frugalis</i> 1762		
<i>Naranga</i> 2345		
<i>Plathympena scabra</i> 762 6871 6881		
<i>Plusia</i> 1047		
<i>Plusiinae</i> 6781 6785 6879		
<i>Prodenia litura</i> 1014		
<i>Pseudoplusia includens</i> 6866 6882		
<i>Rachiplusia nu</i> 2206		
<i>Rivula atimeta</i> 1756 1757 1758 1759		
1760 2395		
<i>Spodoptera</i> 323 358 380 935 6867		
<i>Spodoptera exigua</i> 539		
<i>Spodoptera frugiperda</i> 1972 3301 4094		
6735 6768 6769 6770 6771 6772		
6773 6774 11939 11941 11942		
11943		
<i>Spodoptera litura</i> 6645		
[Lepidoptera: Pyralidae]		
<i>Cnaphalocrocis medinalis</i> 1761 2174		
<b>Nomuraea viridulus</b>		
[Hemiptera: Cicadidae]		
<i>Cryptotympana facialis</i> 6927		
<b>Ophiocordyceps aphodii</b>		
[Coleoptera: Scarabaeidae]		
<i>Aphodius howitti</i> 5498		
<b>Ophiocordyceps bisporus</b>		
[Isoptera: Termitidae]		
Unknown species 3888		
<i>Macrotermes</i> 4518 4843		
<b>Ophiocordyceps heteropoda</b>		
[Hemiptera: Cicadidae]		
<i>Cicadetta puer</i> 1880		
<b>Ophiocordyceps variabilis</b>		
[Diptera: Xylophagidae]		
Unknown species 4080		
<i>Xylophagus</i> sp. 5365 5366 5367 5414		
5415 5416 5417 5418 5419 5420		
5421 5422 5423 5424 5425 5426		
5427 5428 5429		
<b>Ostracoderma</b> sp.		
[Taxales: Taxaceae]		
<i>Taxus</i> sp. 5163		
<b>Paecilomyces</b> sp.		
[Araneida]		
Unknown species 2354		
[Araneida: Araneae]		
Unknown species 5181 5183 5190		
[Coleoptera: Curculionidae]		
Unknown species 5184 5193		
[Diptera]		
Unknown species 2350 2378		
[Diptera: Drosophilidae]		
Unknown species 3768		
[Hemiptera: Adelgidae]		
<i>Adelges tsugae</i> 5179 5180		
[Hemiptera: Aleyrodidae]		
<i>Bemisia argentifolii</i> 5160		
<i>Bemisia tabaci</i> 3772 3774 3775 3777		
3780 3781 3782 3783 3784 3785		
3786 3787 3788 3870 3871 3872		
3873 3874 3875 3877 4985 4986		
4987 4988 4989 5091 5092 5093		
5094 5095 5096 5097 5098 5099		
5100 5101 5102 5103 5104 5105		
5106 5108 5109 5110 5111 5112		
5114		
[Hemiptera: Cicadellidae]		
<i>Recilia dorsalis</i> 680		
[Hemiptera: Pentatomidae]		
Unknown species 7075		
<i>Nezara viridula</i> 3101		
[Hemiptera: Psyllidae]		
<i>Diaphorina citri</i> 8316		
[Hymenoptera]		
Unknown species 8007 8008		
[Hymenoptera: Tenthredinoidea]		
Unknown species 6883		
[Isoptera: Termitidae]		
<i>Nasutitermes acajutlae</i> 7800 7801 7803		
[Lepidoptera]		
Unknown species 7721 7741 7742 7995		
8001		
[Lepidoptera: Limacodidae]		
<i>Natada michonta</i> 2616 2617 2618		
[Lepidoptera: Noctuidae]		
<i>Sesamia inferens</i> 1008		
[Lepidoptera: Tortricidae]		
<i>Cydia pomonella</i> 6193 6198		
<i>Epiphyas postvittana</i> 309		
[Opiliones]		
Unknown species 5192		
<b>Paecilomyces canadensis</b>		
[Coleoptera: Scarabaeidae]		
<i>Heptophylla picea</i> 984		
[Lepidoptera: Lasiocampidae]		
<i>Gastropacha orientalis</i> 990		
<b>Paecilomyces carneus</b>		
[Coleoptera: Staphylinidae]		
Unknown species 11836		
[Thysanoptera: Thripidae]		
Unknown species 11821		
<b>Paecilomyces crustaceus</b> (?)		
[Hemiptera: Cercopidae]		
<i>Zulia carbonaria</i> 6462 6467		
<b>Paecilomyces lilacinus</b> (?)		
[Hemiptera: Cercopidae]		
<i>Zulia carbonaria</i> 6458		
<b>Paecilomyces marquandii</b>		
[Thysanoptera: Thripidae]		
Unknown species 9928 9929		
<b>Paecilomyces reniformis</b>		
[Orthoptera: Tettigoniidae]		
Unknown species 429 484 577 7040		
7041		
<b>Paecilomyces sinensis</b>		
[Lepidoptera: Hepialidae]		
Unknown species 6284 6285		
<b>Pandora</b> sp.		
[Diptera]		
Unknown species 5812		
[Lepidoptera: Arctiidae]		
<i>Lophocampa caryae</i> 11764		
[Lepidoptera: Plutellidae]		
<i>Plutella xylostella</i> 3201		

<b>Pandora blunckii</b>	
[Coleoptera: Elateridae]	2782 2783 2784 2837 2838 2839
<i>Athalia rosae</i> 915 917 920 1715 1716 1717 1718	2840 2842 2844 2845 2846 2847
[Lepidoptera: Plutellidae]	2848 2851 2852 2853 2854 2855
<i>Plutella</i> 3075	2856 2865 2866 2867 2868 2870
<i>Plutella maculipennis</i> 217	2872 2873 3234 3237 3240 4934
<i>Plutella xylostella</i> 1000 2824 3200 3202 6293 6294 6295 6296 6297 6298 6299 6300 6301 6302 6304 6305 6306 6307 6308 6309 6310 6311 6312 6316	6631 7937 11663
<b>Pandora delphacis</b>	<i>Aphidula</i> 1610 1615
[Hemiptera: Cicadellidae]	<i>Aphis</i> 128 3410
Unknown species 1238 1936	<i>Aphis fabae</i> 608 609 610 611 612 613 614 636 637 638 639 1606 1611 1981 1985 2019 2020 3238 3241 5995
<i>Emoiasca fabae</i> 3072 3093 3094 3095 3096 3106 3107	<i>Aphis glycines</i> 7212 7213 7214 7226 8607
<i>Nephrotettix cincticeps</i> 458 459 460 461 478	<i>Brevicoryne brassicae</i> 1613 1616 1617 1784 1785 1786 1824 1825 1826 1827 2108 2109 2110 2112 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2128 2280 2293 5371 5372 5373 5374
<i>Recilia dorsalis</i> 659 660	<i>Dactynotus formosanus</i> 1137
[Hemiptera: Delphacidae]	<i>Diuraphis noxia</i> 3081 3082 3126 3174 3175
<i>Nilaparvata lugens</i> 134 575 579 580 657 664 665 666 667 668 669 670 672 673 674 676 682 686 698 713 716 1124 1132 1133 1264 1268 1730 1731 2091	<i>Hyalopterus pruni</i> 1596
<i>Sogatella furcifera</i> 593 603 2092 2093 2095 2096 2409 6538 6539	<i>Hyperomyzus lactucae</i> 829 833 835
<i>Sogatodes pusanus</i> 2094	<i>Macrosiphum</i> 1607 1612
[Hemiptera: Membracidae]	<i>Macrosiphum akebiae</i> 1134
<i>Spissistilus festinus</i> 2028 3484	<i>Macrosiphum euphorbiae</i> 181
[Hemiptera: Miridae]	<i>Macrosiphum rosae</i> 1986 1987
Unknown species 3062	<i>Metopolophium dirhodum</i> 2874 2875 2876 3365 3367 5707 5708
[Lepidoptera: Noctuidae]	<i>Microlophium carnosum</i> 7938 7939
<i>Mamestra brassicae</i> 1265	<i>Myzus</i> 1601 1602
<b>Pandora dipterigena</b>	<i>Myzus nicotinae</i> 3411 3412 3459
[Diptera]	<i>Myzus persicae</i> 1600 2085 2086 3248 3249 3250 3251 11662
Unknown species 131 1720 1921 1923	<i>Nasonovia ribisnigri</i> 11862 11863
[Diptera: ?Sciaridae]	<i>Schizaphis graminum</i> 3366
Unknown species 1887	<i>Sitobion</i> 1597 1604
[Diptera: Brachycera]	<i>Sitobion avenae</i> 5403 6166
Unknown species 1422	<i>Uroleucon formosanus</i> 993
[Diptera: Nematocera]	[Hemiptera: Miridae]
Unknown species 397	<i>Lygus</i> 1570
[Trichoptera]	
Unknown species 2406	
<b>Pandora heteropterae</b>	<b>Pandora nouri</b>
[Hemiptera: Miridae]	[Hemiptera: Aphididae]
<i>Lygus lineolaris</i> 9266	Unknown species 199
<b>Pandora kondoiensis</b>	<i>Acyrtosiphon kondoi</i> 362
[Hemiptera: Aphididae]	<i>Lipaphis erysimi</i> 8930 8931
<i>Acyrtosiphon kondoi</i> 369 825 828 836 837	<i>Theroaphis maculata</i> 366
<b>Pandora neoaphidis</b>	<b>Paraisaria dubia</b>
[Hemiptera: Aphididae]	[Coleoptera: Scarabaeidae: Melolonthinae]
Unknown species 78 381 1695 1696 2016 2298 6902	<i>Antitrogus rugulosus</i> 5764
<i>Acyrtosiphon pisum</i> 827 830 838 1598 1603 1605 1609 2017 2018 2583 2584 2585 2587 2588 2589 2591 2592 2593 2594 2754 2755 2756 2757 2758 2760 2761 2762 2763 2766 2767 2768 2769 2773 2781	<b>Penicillium sp.</b>
	[Acar: Ixodidae]
	<i>Ixodes scapularis</i> 5733 6603
	[Acar: Tetranychidae]
	<i>Tetranychus urticae</i> 7974
	[Coleoptera: Curculionidae]
	<i>Anthonomus musculus</i> 3036
	<i>Chalcodermus bimaculatus</i> 2950
	[Coleoptera: Scarabaeidae]
	<i>Amphimallon solstitiale</i> 11681 11683
	[Diptera: Drosophilidae]
	<i>Drosophila</i> 7976
	[Hemiptera: Cercopidae]
	<i>Zulia colombiana</i> 6357 6359
	[Hemiptera: Ortheziidae]
	<i>Orthezia praelonga</i> 2643
	[Hymenoptera: Formicidae]
	Unknown species 12048 12049
	[Hymenoptera: Vespidae]
	<i>Vespula germanica</i> 4148
	[Lepidoptera: Hepialidae]
	<i>Oncopera alboguttata</i> 4263
	[Lepidoptera: Lymantriidae]
	<i>Lymantria dispar</i> 2834 2836
	[Orthoptera: Acrididae]
	<i>Hieroglyphus banian</i> 5335
	<b>Penicillium sumatrense</b>
	[Hymenoptera: Formicidae]
	<i>Camponotus</i> 7099
	<b>Penicillium thomii</b>
	[Lepidoptera: Lymantriidae]
	<i>Lymantria dispar</i> 2056
	<b>Phialophora malorum</b>
	[Lepidoptera: Lymantriidae]
	<i>Lymantria dispar</i> 2072
	<b>Phoma sp.</b>
	[Hemiptera: Adelgidae]
	<i>Adelges tsugae</i> 9920 9923
	<b>Phoma cava</b>
	[Lepidoptera: Lymantriidae]
	<i>Lymantria dispar</i> 2071
	<b>Pochonia sp.</b>
	[Bdelloida: Habrotrichidae]
	<i>Habrotricha elusa</i> 10261
	<b>Pochonia bulbillosa</b>
	[Diptera: Muscidae]
	Unknown species 11800
	<b>Pochonia bulbillosa(?)</b>
	[Coleoptera: Curculionidae]
	<i>Anthonomus musculus</i> 3035
	<b>Pochonia chlamydosporia</b>
	[Coleoptera: Scarabaeidae]
	Unknown species 3314
	<b>Pochonia chlamydosporia var. chlamydosporia</b>
	[Coleoptera: Lagriidae]
	<i>Lagria vilosa</i> 2218
	[Diptera]
	Unknown species 11786 11810
	[Phthiraptera: Anoplura]
	Unknown species 11801
	<b>Pochonia suchlasporia var. catenata</b>
	[Lepidoptera: Lymantriidae]
	<i>Lymantria dispar</i> 2064
	<b>Polycephalomyces sp.</b>
	[Coleoptera]
	Unknown species 9496
	[Coleoptera: Carabidae]
	Unknown species 9497

## Host by Fungus

## *Polycephalomyces formosus* *Simplicillium lamellicola*

<b>Polycephalomyces formosus</b> [Coleoptera: Carabidae] <i>Calosoma</i> 1424	[Hemiptera: Scutelleridae] <i>Eurygaster</i> 6018 6021 6024 6026 6080 6081 6082 6084 6094 6114 6116 6117 6494 6502	<b>Rotiferophthora ovispora</b> [Bdelloida: Habrotrochidae] <i>Habrotrocha elusa</i> 10274
<b>Polycephalomyces ramosus</b> [Hemiptera: Pentatomidae] Unknown species 4858	[Hymenoptera: Formicidae] <i>Anoplolepis longipes</i> 2155 <i>Pogonomyrmex occidentalis</i> 7545 7546 7547 7548	<b>Saprolegnia</b> sp. [Diptera: Chironomidae] Unknown species 6427
[Lepidoptera] Unknown species 7095	[Isoptera: Termitidae] <i>Nasutitermes corniger</i> 8456	[Diptera: Simuliidae] Unknown species 179 180
<b>Polycephalomyces tomentosus</b> [Trichiales: Trichiaceae] <i>Hemitrichia serpula</i> 5353	[Lepidoptera: Bombycidae] <i>Bombyx mori</i> 986	<b>Schizangiella</b> sp. [Squamata: Colubridae] <i>Elaphe</i> 2237 2239
<b>Pseudogibbellula formicarum</b> [Hemiptera: Cercopidae] Unknown species 2913	[Lepidoptera: Nymphalidae] <i>Chlosyne lacinia saundersii</i> 1058 <i>Opsiphanes cassinae</i> 5805	<b>Schizangiella serpentis</b> [Squamata: Colubridae] <i>Elaphe obsoleta</i> 8000 8047
[Hemiptera: Flatidae ?] Unknown species 5765 5766	[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 6183 6197	[Squamata: Viperidae] <i>Crotalus horridus</i> 203
<b>Pseudomeria mucosa</b> [Bdelloida: Adinetidae] <i>Adineta</i> 10262 10272	[Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 8311 8312	<b>Scopulariopsis</b> sp. [Coleoptera: Cerambycidae] <i>Anoplophora glabripennis</i> 8421
[Bdelloida: Habrotrochidae] <i>Habrotrocha elusa</i> 8993 9383	[Tylenchida: Heteroderidae] <i>Meloidogyne</i> 2181 2182 2183 2184 2185 2186 2233	[Coleoptera: Chrysomelidae] <i>Leptinotarsa decemlineata</i> 2327
<b>Purpureocillium lilacinum</b> [Araneida] Unknown species 9528	<b>Ramicandelaber longisporus</b> [Tylenchida: Heteroderidae] <i>Heterodera glycines</i> 6175 6176	[Coleoptera: Curculionidae] Unknown species 2169
[Coleoptera: Chrysomelidae] <i>Cerotoma</i> 1951	<b>Rhinocladiella(?) sp.</b> [Hemiptera: Adelgidae] <i>Adelges tsugae</i> 9365 9922	[Coleoptera: Tenebrionidae] <i>Tenebrio molitor</i> 11652
[Coleoptera: Curculionidae] <i>Diaprepes abbreviata</i> 410	[Hemiptera: Coccidae] <i>Parthenolecanium</i> 12080 12081 12082	[Diptera: Calliphoridae] <i>Lucilia illustris</i> 2328
[Coleoptera: Elateridae] Unknown species 9524	<b>Rotiferophthora</b> sp. [Bdelloida: Adinetidae] <i>Adineta</i> 9544 10266	[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5164
[Coleoptera: Lagriidae] <i>Lagria vilosa</i> 723 2952	[Bdelloida: Habrotrochidae] <i>Habrotrocha</i> 9545 9546 10265	[Hemiptera: Aleyrodidae] <i>Bemisia tabaci</i> 8825 8826 8827
[Coleoptera: Scarabaeidae] Unknown species 6110	<i>Habrotrocha elusa</i> 9542 9543 10263 10264	[Hemiptera: Pentatomidae] <i>Halyomorpha halys</i> 10309 10310
<i>Popillia japonica</i> 9371	<b>Rotiferophthora angustispora</b> [Bdelloida: Habrotrochidae] <i>Habrotrocha elusa</i> 8991	[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2255
[Coleoptera: Scolytidae] <i>Hypothenemus hampei</i> 5876 5877 5880 5882 6188 6190	[Trichoptera] Unknown species 9498	[Lepidoptera: Plutellidae] <i>Plutella xylostella</i> 3203
[Coleoptera: Tenebrionidae] <i>Tenebrio molitor</i> 8918 8919 8920 8921 8922	<b>Rotiferophthora barronii</b> [Bdelloida: Adinetidae] <i>Adineta</i> 10267	<b>Scopulariopsis brevicaulis</b> [Lepidoptera: Pyralidae] <i>Galleria mellonella</i> 9943
[Hemiptera] Unknown species 9604	<b>Rotiferophthora cylindrospora</b> [Bdelloida: Habrotrochidae] <i>Habrotrocha</i> 9547 9548	<b>Septobasidium carestianum</b> [Hemiptera: spf. Coccoidea] Unknown species 6473
[Hemiptera: Aleyrodidae] <i>Singhiella simplex</i> 9610	<i>Habrotrocha elusa</i> 8992 10273	<b>Simplicillium</b> sp. [Hemiptera: Aleyrodidae] <i>Bemisia tabaci</i> 6584
<i>Trialeurodes vaporariorum</i> 3846	<b>Rotiferophthora denticulospora</b> [Bdelloida: Habrotrochidae] <i>Habrotrocha</i> 9549	<b>Simplicillium lamellicola</b> [Acar: Oribatidae] Unknown species 1367
[Hemiptera: Aphididae] <i>Diuraphis noxia</i> 6985	<b>Rotiferophthora guttulaspora</b> [Bdelloida: Habrotrochidae] <i>Habrotrocha elusa</i> 10269	[Coleoptera: Carabidae] <i>Carabus</i> 9479
[Hemiptera: Cercopidae] <i>Deois flavopicta</i> 2078 3481	<b>Rotiferophthora intermedia</b> [Bdelloida: Habrotrochidae] <i>Habrotrocha elusa</i> 10270	[Diptera: Muscidae] Unknown species 9480
<i>Zulia pubescens</i> 6340		[Hemiptera: Aleyrodidae] Unknown species 9481
[Hemiptera: Cicadellidae] Unknown species 9523		[Hemiptera: Pentatomidae] <i>Palomena prasina</i> 11727 11728 11729 11732 11735 11737
[Hemiptera: Cicadidae] Unknown species 6247		[Orthoptera: Acrididae] <i>Aiolopus longicornis</i> 6448
[Hemiptera: Pentatomidae] Unknown species 531		
<i>Edessa meditabunda</i> 10225		
<i>Scotinophara coarctata</i> 763		
<i>Tibraca limbativentris</i> 2215		
[Hemiptera: Reduviidae] <i>Triatoma infestans</i> 7478		

<b>Simplicillium lamellicola(?)</b>	<i>Aedes sticticus</i> 9009 9130 <i>Culex</i> 9128 9149 <i>Culex pervaigilans</i> 9074 <i>Culex renatoi</i> 5431 [Diptera: Simuliidae] <i>Palomena prasina</i> 11738 [Lepidoptera] Unknown species 11725	<b>Smittium imitatum</b> [Diptera: Simuliidae] <i>Simulium</i> 9033
<b>Simplicillium lanosoniveum</b>	[Diptera: Culicidae] Unknown species 8822 [Hemiptera: Coccidae] <i>Parthenolecanium corni</i> 7623 [Hemiptera: Tingidae] <i>Leptopharsa heveae</i> 6430 6431 6432 6636 6637 6642	[Diptera: Chironomidae] <i>Prosimulium</i> 9126 <i>Simulium vittatum</i> 9008 [Diptera: Thaumaleidae] Unknown species 9084 9124 <i>Astrothaumalea</i> 9005 9041 [Diptera: Tipulidae] Unknown species 9091 <i>Dactylolabis montana</i> 9143 <i>Limonia</i> 9006 9040
<b>Smittium sp.</b>	[Diptera] Unknown species 9051 9065 9088 9265 [Diptera: Chironomidae] Unknown species 9034 9087 9145 <i>Orthocladius</i> 9121 9146 <i>Polypedilum</i> 9120 <i>Psectrocladius limbatus</i> 9050 <i>Pseudokiefferiella</i> 9147 <i>Tanytarsus</i> 9035 [Diptera: Culicidae] Unknown species 9038 9079 9081 9148 [Diptera: Tipulidae] Unknown species 9086 [Plecoptera: Gripopterygidae] Unknown species 9119	<b>Smittium culicisoides</b> [Diptera: Chironomidae] Unknown species 9044
<b>Smittium acutum</b>	[Diptera: Chironomidae] Unknown species 9092	<b>Smittium culisetae</b> [Diptera: Ceratopogonidae] <i>Dasyhelea</i> 9097 [Diptera: Chironomidae] Unknown species 9132 <i>Chironomus alternans</i> 9025 <i>Orthocladius</i> 9114 [Diptera: Culicidae] Unknown species 9015 9024 9026 9058 9071 9075 9098 9109 9110 9111 9113 9247 <i>Aedes albopictus</i> 9013 9014 9047 9099 9100 9101 9104 9105 9106 <i>Aedes crinifer</i> 5200 9094 <i>Aedes vexans</i> 9016 9017 9102 9103 9246 <i>Culex</i> 9048 9107 9108 <i>Culex dolosus</i> 5430 9131 <i>Culex restuans</i> 9056 <i>Culiseta</i> 9062 9115 9133 <i>Culiseta impatiens</i> 9012 <i>Culiseta incidunt</i> 9095 <i>Ochlerotatus japonicus</i> 9039 9069
<b>Smittium angustum</b>	[Diptera: Chironomidae] <i>Tanytarsus</i> 9241	[Diptera: Simuliidae] <i>Simulium vittatum</i> 6810 9018 9032 9096 9112
<b>Smittium annulatum</b>	[Diptera: Simuliidae] Unknown species 9242	<b>Smittium cylindrosporum</b> [Diptera: Chironomidae] <i>Cricotopus</i> 9116 9248 9249
<b>Smittium caudatum</b>	[Diptera: Chironomidae] Unknown species 9000 9261	<b>Smittium dipterorum</b> [Diptera: Chironomidae] <i>Chironomus</i> 9250 [Diptera: Simuliidae] <i>Simulium</i> 9263
<b>Smittium coloradense</b>	[Diptera: Chironomidae] <i>Cricotopus</i> 9001 <i>Orthocladius</i> 9002	<b>Smittium elongatum</b> [Diptera: Chironomidae] Unknown species 9251
<b>Smittium commune</b>	[Diptera: Chironomidae] Unknown species 9085 <i>Microtendipes</i> 9243 9244 9245	<b>Smittium fecundum</b> [Diptera: Chironomidae] <i>Psectrocladius</i> 9022 9083
<b>Smittium culicis</b>	[Diptera] Unknown species 9059 [Diptera: Chironomidae] Unknown species 9011 9127 9129 <i>Chironomus</i> 9003 9045 9046 9142 <i>Corynoneura</i> 9007 9093 <i>Tanytarsus</i> 9125 [Diptera: Culicidae] Unknown species 9010 9031 9057 9073 9123 9140 9141 <i>Aedes albifasciatus</i> 5432 9004	<b>Smittium gravimetallum</b> [Diptera: Chironomidae] <i>Dicrotendipes fumidus</i> 9029 9036 9264
<b>Smittium imitatum</b>	[Diptera: Simuliidae] <i>Simulium</i> 9033	<b>Smittium lentaquaticum</b> [Diptera: Chironomidae] <i>Chironomus</i> 9068 9253
<b>Smittium megazygosporum</b>	[Diptera: Simuliidae] <i>Simulium vittatum</i> 6275 9037	<b>Smittium megazygosporum(?)</b> [Diptera: Chironomidae] <i>Orthocladius</i> 9027
<b>Smittium morbosum</b>	[Diptera: Culicidae] <i>Ochlerotatus triseriatus</i> 9060 9061	<b>Smittium mucronatum</b> [Dipteral] Unknown species 9063
<b>Smittium orthocladii</b>	[Diptera: Chironomidae] Unknown species 9080	[Diptera: Chironomidae] Unknown species 9067 9090 9144 <i>Psectrocladius sordidellus</i> 9028
<b>Smittium perforatum(?)</b>	[Diptera: Chironomidae] <i>Diamesa</i> 9055	<b>Smittium phytotelmatum</b> [Diptera: Chironomidae] <i>Chironomus</i> 9076
<b>Smittium simulatum</b>	[Diptera: Tipulidae] <i>Aphrophila bidentata</i> 9042 9078 9117	<b>Smittium simulium</b> [Diptera: Chironomidae] Unknown species 9019 9136 <i>Diamesa</i> 9139
<b>Smittium stenosporum</b>	[Diptera: Chironomidae] <i>Cricotopus</i> 9023	[Diptera: Simuliidae] Unknown species 9049 <i>Simulium</i> 9043 9118 9134 9137 9138 <i>Simulium uchidai</i> 9135
<b>Smittium tipulidarum</b>	[Diptera: Tipulidae] <i>Elliptera astigmatica</i> 9052 9053 9054 9122	<b>Smittium tronadorium</b> [Diptera: Chironomidae] <i>Paraheptagia</i> 9030
<b>Sorosporella</b> sp.	[Orthoptera: Acrididae] <i>?Melanoplus</i> 377	

## Host by Fungus

*Sorosporella uvella*  
*Tripospermum sp.*

<b>Sorosporella uvella</b> [Coleoptera: Curculionidae] <i>Curculio caryae</i> 1123	<b>Strongwellsea castrans</b> [Diptera: Anthomyiidae] <i>Delia radicum</i> 3282 3485	[Lepidoptera: Tortricidae] <i>Choristoneura fumiferana</i> 3321
[Orthoptera: Gryllotalpidae] <i>Scapteriscus vicinus</i> 1856		
<b>Sporodiniella umbellata</b> [Hemiptera: Jassidae] Unknown species 5222	<b>Syngliocladium sp.</b> [Diptera: Ulidiidae] <i>Tetanops myopaeformis</i> 5217	<b>Torrubiella sp.</b> [Araneida] Unknown species 7223
<b>Sporothrix sp.</b> [Hemiptera: Cicadellidae] Unknown species 7038	<b>Syngliocladium tetanopsis</b> [Diptera: Ulidiidae] <i>Tetanops myopaeformis</i> 4972 5497 5577	<b>Torrubiella homopterorum</b> [Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 2045
[Hemiptera: Delphacidae] Unknown species 7042		
<i>Nilaparvata lugens</i> 1908	<b>Synnematium jonesii</b> [Coleoptera: Hispinae] <i>Promecotheca papuana</i> 5664	<b>Torrubiella piperis</b> [Hemiptera: Coccoidea] Unknown species 7232
[Hemiptera: Psyllidae] <i>Diaphorina citri</i> 10230	<b>Tilachlidium sp.</b> [Coleoptera: Chrysomelidae] Unknown species 10132	<b>Torrubiella ratticaudata</b> [Araneida: Salticidae] <i>Euophrys ?trivittata</i> 1915 1916
<b>Sporothrix ghanensis</b> [Hemiptera: Coccoidea] Unknown species 9500	[Coleoptera: Elateridae] Unknown species 2415	
<b>Sporothrix insectorum</b> [Coleoptera: Carabidae] <i>Carabus</i> 9502	<b>Tilletiopsis sp.</b> [Hemiptera: Delphacidae] <i>Nilaparvata lugens</i> 527 572 573	<b>Triacutus subcuticularis</b> [Bdelloida: Adinetidae] <i>Adineta</i> 10260
[Hymenoptera: Formicidae] <i>Paltothyreus tarsatus</i> 2909 2918	<b>Tolyptocladium sp.</b> [Hemiptera: Tingidae] <i>Leptopharsa heveae</i> 6634	<b>Trichoderma sp.</b> [Hemiptera: Cicadellidae] <i>Empoasca kraemeri</i> 807
[Lepidoptera] Unknown species 6286 7924	<b>Tolyptocladium cylindrosporum</b> [Araneida] Unknown species 9503	[Hemiptera: Diaspididae] <i>Unaspis citri</i> 3084
[Lepidoptera: Pyralidae] Unknown species 9501	[Coleoptera: Elateridae] Unknown species 7456 7812	[Hymenoptera: Formicidae] <i>Anoplolepis longipes</i> 2160 2161
<b>Stachybotrys sp.</b> [Hemiptera: Aphididae] <i>Sitobion avenae</i> 2863	[Diptera: Anthomyiidae] <i>Delia floralis</i> 5525 5526 5527 5528 5529 5530 5531 5532 5558 5559	[Isoptera: Termitidae] Unknown species 8634
<b>Sterile mycelium</b> [Aphelenchida: Aphelenchoididae] <i>Aphelenchoides</i> 3735	[Diptera: Bibionidae] <i>Plecia nearctica</i> 2912	[Lepidoptera: Pyralidae] <i>Elasmopalpus lignosellus</i> 5730
[Coleoptera: Cerambycidae] Unknown species 4009	[Diptera: Culicidae] Unknown species 961 976 1027 1028 2911	[Thysanoptera: Thripidae] Unknown species 9938
[Coleoptera: Scarabaeidae] <i>Adoryphorus coulonii</i> 4243	<i>Aedes australis</i> 841	
[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5819	<i>Aedes sierrensis</i> 705 1580	
[Hemiptera: Aleyrodidae] Unknown species 3710 3711	[Hymenoptera: Formicidae] <i>Myrmica rubra</i> 7539	<b>Trichoderma lignorum</b> [Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5176
<i>Bemisia tabaci</i> 3868	[Hymenoptera: Siridae] <i>Sirex noctilio</i> 5538	<b>Trichoderma viride(?)</b> [Hemiptera: Cercopidae] <i>Aeneolamia varia</i> 6344
[Hemiptera: Aphididae] Unknown species 3703 3705 3712	[Lepidoptera: Noctuidae] Unknown species 2777 2778	<b>Trichothecium sp.</b> [Hemiptera: Cicadellidae] <i>Nephrotettix bipunctata cincticeps</i> 653
<i>Brevicoryne brassicae</i> 4376	[Thysanoptera: Thripidae] <i>Taeniothrips inconsequens</i> 10146	[Hemiptera: Miridae] <i>Adelphocoris</i> 1217 1223
[Hemiptera: Cercopidae] <i>Prosapia plagiata</i> 4712	<b>Tolyptocladium extingueens</b> [Diptera: Mycetophilidae] <i>Arachnocampa luminosa</i> 2921	<b>Trichothecium roseum</b> [Hemiptera: Aleyrodidae] Unknown species 3708
[Hemiptera: Cicadellidae] Unknown species 3702	<b>Tolyptocladium inflatum</b> [Acari: Oribatidae] <i>Mycobates</i> 3278	[Hemiptera: Miridae] <i>Adelphocoris</i> 1212 1226 1308 1639 1642
[Hemiptera: Pentatomidae] <i>Scotinophara coarctata</i> 1435	[Coleoptera: Scarabaeidae: Aphodiinae] Unknown species 4877 4878 4879 4880 4881 4882 4883 4884 4885 4886 4887 4888 4889 4890 4891 4892 4893 4894 4895 4896 4897 4898	[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2055
[Lepidoptera: Lymantriidae] <i>Lymantria dispar</i> 2073	[Diptera: Tachinidae] Unknown species 3281	<b>Tripospermum sp.</b> [Hemiptera: Adelgidae] <i>Adelges tsugae</i> 9363
[Orthoptera: Gryllotalpidae] <i>Gryllotalpa gryllotalpa</i> 11693		
<b>Stilbella buquetii</b> [Coleoptera: Curculionidae] <i>Artipes</i> 2915		

<b>Verticillium</b> sp.	<i>Trialeurodes vaporariorum</i> 4061 6544 6547	<b>Zoophthora occidentalis</b>
[Coleoptera: Carabidae] Unknown species 6501	[Hemiptera: Aphididae] Unknown species 4073 4416 4417 4418 4419 4420 4421 4422 4423 4453 4454 4455 4456 4457 5166 5809	[Hemiptera: Aphididae] <i>Acyrthosiphon pisum</i> 2841 3027 3028 3029 3071 3073 <i>Macrosiphum euphorbiae</i> 207
[Coleoptera: Dermestidae] Unknown species 6484	<i>Aphis gossypii</i> 6541	<b>Zoophthora phalloides</b>
[Coleoptera: Scarabaeidae] Unknown species 6486	<i>Brachycaudus helichrysi</i> 6540	[Hemiptera: Aphididae] <i>Brevicoryne brassicae</i> 2281
[Hemiptera: Aleyrodidae] <i>Trialeurodes vaporariorum</i> 4402	<i>Brevicoryne brassicae</i> 5131	<i>Myzus rannaculinum</i> 352
[Hemiptera: Aphididae] Unknown species 4194 4195 4203 4398 4399	<i>Diuraphis noxia</i> 3862 3881 3902 3903 3904 3909 6606	<b>Zoophthora phytonomi</b>
<i>Myzus persicae</i> 4074	<i>Macrosiphoniella sanborni</i> 6542	[Coleoptera: Curculionidae] <i>Hypera postica</i> 3342 3343 3344
[Hemiptera: Margarodidae] <i>Icerya purchasi</i> 6580	<i>Myzus persicae</i> 4075 4076 4077 4079 5130 6543	<i>Hypera punctata</i> 202 2188
[Hemiptera: Pentatomidae] <i>Aelia</i> 6500	<i>Sitobion avenae</i> 2859	<i>Hypera variabilis</i> 113 191 192
[Hemiptera: Rhopalidae] Unknown species 6498	<i>Toxoptera citricida</i> 6144 6145	<b>Zoophthora radicans</b>
[Hemiptera: Scutelleridae] <i>Eurygaster</i> 6480 6485	[Hemiptera: Coccidae] Unknown species 2916	[Diptera] Unknown species 388 1337 2499 2500 2501 2503 2506 2523 2554 8466
[Thysanoptera: Thripidae] <i>Taeniothrips inconsequens</i> 3547 3550 3551 3552 3556 3561	<i>Coccus viridis</i> 5153	[Diptera: Anthomyiidae] <i>Delia radicum</i> 2666
<b>Verticillium epiphytum</b>	<i>Phytokermes hemichryphus</i> 4025	[Diptera: Nematocera] Unknown species 1336 1428
[Uredinales] <i>Hemileia vastatrix</i> 5250	<i>Pulvinaria aurantii</i> 6287 6291	[Hemiptera: Aphididae] Unknown species 7455 7788 7789
<b>Verticillium insectorum</b>	[Hemiptera: Eriococcidae] <i>Cryptococcus fagisuga</i> 3741 3742 3743	<i>Acyrthosiphon pisum</i> 11859
[Coleoptera: Curculionidae] <i>Otiorhynchus sulcatus</i> 3715	[Hemiptera: Scutelleridae] <i>Eurygaster</i> 6025 6068 6085 6479	<i>Aphis fabae</i> 7208
<b>Verticillium lecanii</b>	[Hemiptera: Tingidae] <i>Leptopharsa heveae</i> 6651	<i>Brachycaudus amygdalinus</i> 75
[Araneida: Araneae] Unknown species 5167	[Hymenoptera: Formicidae] <i>Formica</i> sp. 5168	<i>Brevicoryne brassicae</i> 11861
[Coleoptera: Cantharidae] Unknown species 4048	[Lepidoptera: Bombycidae] <i>Bombyx mori</i> 991	<i>Capitophorus</i> 822
[Coleoptera: Chrysomelidae] <i>Agelastica alni</i> 4022	[Thysanoptera: Thripidae] Unknown species 6548	<i>Diuraphis noxia</i> 3163
[Coleoptera: Curculionidae] <i>Otiorhynchus sulcatus</i> 6545	<i>Thrips tabaci</i> 5709	<i>Drepanosiphum aceris</i> 914 1130
[Coleoptera: Histeridae] <i>Carcinops pumilio</i> 5856	[Uredinales: Pucciniaceae] <i>Puccinia striiformis</i> 5221	<i>Metopolophium dirhodum</i> 2811
[Coleoptera: Scarabaeidae] <i>Aphodius fimetarius</i> 4047	<b>Verticillium pseudohemipterigenum</b>	<i>Nasonovia ribisnigri</i> 11860
[Coleoptera: Tenebrionidae] Unknown species 6487	[Hemiptera: Coccoidea: Asterolecaniidae] <i>Bambusaspis</i> sp. 5687	<i>Theroaphis maculata</i> 103 104 105 106 107 108 109 110 111 112 114 139 237 238 239 359 370 379 823
[Coleoptera: Diptera: Ephydriidae] <i>Alphitobius diaperinus</i> 5849	<b>Zoophthora</b> sp.	<i>Theroaphis trifolii</i> f. <i>maculata</i> 3737
[Collembola: Sminthuridae] <i>Sminthurus viridis</i> 5852	[Dermaptera: Forficulidae] <i>Forficula auricularia</i> 3486 3487 3488	[Hemiptera: Cercopidae] Unknown species 800
[Diptera: Anthomyiidae] <i>Delia radicum</i> 5132 6554	[Hemiptera: Aphididae] Unknown species 7454	[Hemiptera: Cicadellidae] Unknown species 1239 1263 1495 1587 1591 2196 2549 2551 2552
[Diptera: Ephydriidae] <i>Scatella stagnalis</i> 6561	<b>Zoophthora anglica</b>	<i>Empoasca</i> 2241 2242 2243 2244 2245 2246 2282 2283 2284 2285 2286 2287 2288 2289 3623
[Diptera: Muscidae] <i>Musca domestica</i> 5859	[Coleoptera: Carabidae] <i>Trechus quadrifasciatus</i> 1739	<i>Empoasca fabae</i> 1018 1019 1020 1021 1261 1262 1938 2400 2550 2716
[Hemiptera] Unknown species 6290	[Coleoptera: Elateridae] <i>Agriotes sputator</i> 396 2505	2717 2718 2719 2720 2977 2978 2979 2980 3104 3105 3283 3284 3355 3376 3377 3390 3697 4520
[Hemiptera: Adelgidae] <i>Adelges tsugae</i> 5771 5781 5783 5786 5789 5793 5820 5821 5824 6045 6046 6047 6050	[Hemiptera: Miridae] <i>Notostira elongata</i> 916 926	<i>Empoasca kraemerii</i> 789 790 1227 1228 1229 1231 1232 1233 1234 1236 1237 1492 1493 1494 1496 1497 1498 1499 1500 1501 1502 1503 1504 1541 1542 1543 1544 1581 1582 1583 1584 1585 1586 1588 1589 1590 1593 1594 1595 1928 1929 1930 1931 1932 1933 1934 1935 1937 2994 2995 2996 3002
[Hemiptera: Aleyrodidae] <i>Bemisia tabaci</i> 4064 4065 4067 4069 4070 4071 4072	<b>Zoophthora aphidis</b>	3003 3004 3005 3006 3007 3008 3009 3010 3011 3012 3013 3026
	[Hemiptera: Aphididae] <i>Anoecia corni</i> 425	<i>Empoasca vitis</i> 2696 2700 2701 2702 2703 2706 2708 2709 2712 2713
	<b>Zoophthora lanceolata</b>	
	[Diptera: Brachycera] Unknown species 468	
	[Diptera: Nematocera] Unknown species 426 469	

3114	3116	3119	3149	3150	3151
3159	3160	3162	3164	3165	3172
<i>Hauptida distinguenda</i>	2256	2257	2258		
2259	2260	2261	2262		
<i>Molopopterus theae</i>	6605				
<i>Typhlocyba</i>	3115	3170	3171		
[Hemiptera: Delphacidae]					
<i>Delphacodes striatella</i>	1050				
<i>Nilaparvata lugens</i>	685	1125	1136		
[Hemiptera: Miridae]					
<i>Dicyphus pallidus</i>	389				
[Hemiptera: Psyllidae]					
<i>Psyllida etrioza</i>	126				
<i>Trioza urticae</i>	1719				
[Hymenoptera: Diprionidae]					
<i>Neodiprion tsugae</i>	13				
[Lepidoptera]					
Unknown species	404				
[Lepidoptera: Gelechiidae]					
<i>Tuta absoluta</i>	6917				
[Lepidoptera: Gelechiidae]					
<i>Anacampsis humilis</i>	4783				
[Lepidoptera: Geometridae]					
<i>Lambdina fiscellaria fiscellaria</i>	72				
[Lepidoptera: Noctuidae]					
<i>Sesamia inferens</i>	2411				
<i>Trichoplusia ni</i>	6003				
[Lepidoptera: Pieridae]					
<i>Pieris brassicae</i>	1341	1342	1343	1344	
1345	1346				
[Lepidoptera: Plutellidae]					
<i>Plutella xylostella</i>	1048	1100	2732	2893	
3204	3205	3206	6303	6313	6314
6315					
[Lepidoptera: Pyralidae]					
<i>Cnaphalocrocis medinalis</i>	1699	2410			
[Lepidoptera: Tortricidae]					
<i>Choristoneura fumiferana</i>	21	44	45	50	
52	88	141	142	143	144
145	146				
163	221	223	224	225	226
227	228				
229	230	231	232	233	234
235	407				
<i>Epinotia aporema</i>	4781	4782	4784	4785	
5814					
<i>Merophyas divulsana</i>	1082				
<i>Ptycholoma aeriferana</i>	1674	1675			
<i>Tortrix viridana</i>	68				



## Fungus by Host and Location

### Animalia

#### Arthropoda • Arachnida

##### Acari

- Brazil, São Paulo  
  *Lecanicillium* sp. 7373
- Unidentified / Hyphomycetes 7374
- Hungary  
  *Isaria fumosorosea* 6610
- United Kingdom  
  *Hirsutella kirchneri* 5550
- Hirsutella necatrix* 5549
- USA, California  
  *Hirsutella* sp. 2795 2796 2797 2798  
    2801 2802 2803
- Hirsutella thompsonii* 2800
- USA, New York  
  *Hirsutella brownorum* 3509
- Lecanicillium* sp. 10217 10218
- USA, Vermont  
  *Isaria farinosa* 11825
- Lecanicillium* sp. 10164 10215  
    10216
- Unidentified / Hyphomycetes 10281

##### Acari: Eriophyidae

- Abacarus hystrix*  
  United Kingdom  
    *Hirsutella kirchneri* 5551
- Hirsutella* sp. 970
- USA, Maryland  
  *Hirsutella* sp. 8999
- Acalitus vaccinii*  
  USA, North Carolina  
    *Hirsutella thompsonii* var. *vinacea*  
      254
- Calacarus heveae*  
  Brazil, São Paulo  
    *Hirsutella thompsonii* 6633
- Colomerus novahebridensis*  
  Papua New Guinea  
    *Hirsutella thompsonii* 258 414
- Eriophyes guerreronis*  
  Ivory Coast  
    *Hirsutella thompsonii* 257
- Jamaica  
    *Hirsutella thompsonii* 256
- Eriophyes sheldoni*  
  Zimbabwe  
    *Hirsutella thompsonii* 255 2459
- Phyllocoptrus oleivora*  
  Argentina  
    *Hirsutella thompsonii* 2012 2464
- USA, Florida  
    *Hirsutella thompsonii* 137 241 253
- USA, Texas  
    *Hirsutella thompsonii* 259

##### Acari: Ixodidae

- Hungary  
  *Beauveria bassiana* 6967
- Boophilus* sp.  
  Mexico  
    *Fusarium* sp. 3296
- Metarhizium brunneum* 3297
- USA, Florida  
  *Metarhizium anisopliae* sensu lato  
    4556
- Ixodes ricinus*  
  Denmark  
    *Isaria fumosorosea* 7069
- Ixodes scapularis*  
  *Aspergillus* sp. 6898  
  *Beauveria bassiana* 6897  
  *Gliocladium*(?) sp. 6896 6895 6899
- Location not specified  
  *Aspergillus ochraceus* 3325
- USA, Minnesota  
  *Beauveria pseudobassiana* 8045  
    8046
- USA, New York  
  *Aspergillus* sp. 6604 6603
- USA, Rhode Island  
  *Penicillium* sp. 5733

##### Acari: Oribatidae

- Poland  
  *Simplicillium lamellicola* 1367
- Mycobates* sp.  
  Canada, Northwest Territories  
    *Tolypocladium inflatum* 3278

##### Acari: Tarsonemidae

- Philippines  
  *Hirsutella thompsonii* 1947

##### Acari: Tenuipalpidae

- Dolichotetranychus floridanus*  
  Costa Rica  
    *Hirsutella thompsonii* 3323
- Raoiella indica*  
  Saint Lucia  
    *Lecanicillium psalliotae* 8890

##### Acari: Tetranychidae

- Eotetranychus* sp.  
  USA, Florida  
    *Cladosporium cladosporioides* 3085
- Mononychellus tanajoa*  
  Benin  
    *Hirsutella thompsonii* var. *syn-nematos* 5412
- Brazil, Bahia  
    *Neozygites floridana*(?) 6219 6220  
      6221
- Tetranychus* sp.  
  Ukraine  
    *Hirsutella thompsonii* 9457
- Tetranychus althaeae*  
  Czech Republic  
    *Neozygites tetranychii* 2677
- Tetranychus urticae*  
  Canada, British Columbia  
    *Penicillium* sp. 7974
- India  
    *Cladosporium cladosporioides* 9616
- Lecanicillium aphanocladii* 9615
- USA, New York  
  *Neozygites floridana*(?) 5201 5202  
    5376
- USA, North Carolina  
    *Neozygites* sp. 662
- USA, Virginia  
    *Cladosporium* sp. 6442 6443 6572
- Hirsutella haptospora* 2226
- Varroa destructor*  
  France  
    *Beauveria bassiana* 8255  
    *Beauveria pseudobassiana* 8254  
      8256 8258  
    *Beauveria varroae* 8257 8259
- Latrodectus geometricus*  
  USA, Florida  
    *Mucor fragilis* 11762
- Gibellula* sp. 1669
- Indonesia, Bali  
  *Gibellula* sp. 570
- Indonesia, Sumatera Utara  
  *Conidiobolus coronatus* 567
- Indonesia, Sumatera Utara, Sumatra  
  *Gibellula* sp. 569
- Location not specified  
  Unidentified sp. 3209
- Philippines  
  *Isaria farinosa* 2376  
  *Paecilomyces* sp. 2354
- Poland  
  Unidentified sp. 1419
- PR China  
  *Nomuraea atypicola* 9594
- Russian Federation  
  *Beauveria bassiana* 9446  
  *Beauveria* sp. 7582  
  *Clonostachys rosea* 9492  
  *Engyodontium album* 7712 9454  
  *Engyodontium*(?) sp. 9475  
  *Isaria tenuipes* 9533  
  *Lecanicillium muscarium* 9467  
  *Purpureocillium lilacinum* 9528  
  *Tolypocladium cylindrosporum*  
    9503  
  *Torrubiella* sp. 7223
- Solomon Islands  
  *Lecanicillium lecanii* 1905
- Sri Lanka  
  *Gibellula pulchra* 1732
- USA, Florida  
  Unidentified / Hyphomycetes 7345

USA, New York  
*Gibellula* sp. 8927  
*Hymenostilbe verrucosa* 2002

**Araneida: ?Argiopidae**  
Solomon Islands  
*Nomuraea atypicola* 1904

**Araneida: ?Pholcidae**  
USA, New York  
*Engyodontium album* 6002

**Araneida: Araneeae**  
Ethiopia  
*Beauveria bassiana* 6690  
*Beauveria* sp. 6691

Kazakhstan  
*Aphanocladium album* 6492

USA, Vermont  
*Beauveria bassiana* 5172 5173  
*Beauveria* sp. 5174 5187  
*Isaria farinosa* 5191  
*Paecilomyces* sp. 5181 5183 5190  
*Verticillium lecanii* 5167

**Araneida: Pholcidae**  
*Pholcus phalangioides*  
USA, Ohio  
*Engyodontium aranearum* 2929  
2935

**Araneida: Salticidae**  
*Euophrys ?trivittata*  
Solomon Islands  
*Gibellula clavulifera* var. *alba* 1909  
*Torrubiella raticaudata* 1915 1916

**Araneida: Tetragnathidae**  
*Nephila clavipes*  
USA, Georgia  
*Nomuraea atypicola* 7231

**Opiliones**  
USA, Vermont  
*Isaria farinosa* 5194  
*Paecilomyces* sp. 5192

Canada, Alberta  
*Conidiobolus coronatus* 7012 7013

### **Arthropoda • Crustacea**

France  
*Amoebidium parasiticum* 9182  
USA, California  
*Amoebidium parasiticum* 9257

**Isopoda: Oniscoidea**  
*Porcellio* sp.  
USA, California  
*Conidiobolus* sp. 1672  
*Myriodontium keratinophilum* 368  
386

### **Arthropoda • Entognatha**

**Collembola**  
Kyrgyz Republic  
*Isaria farinosa* 6482

South Africa  
*Conidiobolus* sp. 11867

USA, California  
*Hirsutella* sp. 2799

USA, North Carolina  
*Conidiobolus coronatus* 8023

**Collembola: Sminthuridae**  
*Sminthurus viridis*  
Denmark  
*Beauveria bassiana* 5853  
*Verticillium lecanii* 5852

**Protura**  
USA, New York  
*Conidiobolus* sp. 11763

USA, Vermont  
*Lecanicillium evansii(?)* 11807

### **Arthropoda • Insecta**

**Blattodea: Blattellidae**  
*Supella longipalpa*  
India  
*Aspergillus* sp. 8284

**Coleoptera**  
Argentina  
*Beauveria bassiana* 7470

Belarus  
*Isaria* sp. 9519

Brazil, Goiás  
*Beauveria bassiana* 754

Brazil, Pará  
*Beauveria caledonica* 2251

Canada, British Columbia  
*Beauveria bassiana* 7972

Ethiopia  
*Beauveria bassiana* 6692 6693 6695  
6696 6697

France  
*Beauveria bassiana* 1980  
Unidentified sp. 1634

Ghana  
Unidentified / Hyphomycetes 8641

India  
*Beauveria brongniartii* 2660  
*Metarhizium pingshaense* 3210

Location not specified  
*Beauveria bassiana* 293 4382

Mexico  
*Lecanicillium* sp. 2(?) 2832

Philippines  
*Beauveria bassiana* 3197 3198 3199  
*Isaria farinosa* 2355

Poland  
*Beauveria bassiana* 301

PR China  
*Beauveria bassiana* 7164  
*Isaria catenobliqua* 6244  
*Isaria fumosorosea* 9602  
*Mixed Culture* sp. 11718

Republic of Korea  
*Beauveria* sp. 5697  
*Isaria fumosorosea* 5694

Russian Federation  
*Beauveria bassiana* 9444  
*Isaria fumosorosea* 7716  
*Polycephalomyces* sp. 9496

Turkey  
*Beauveria bassiana* 10347  
*Beauveria pseudobassiana* 5668  
*Beauveria* sp. 5831

Ukraine  
*Beauveria* sp. 7595  
*Isaria farinosa* 9516

United Kingdom  
*Beauveria bassiana* 6559 6560

USA, Florida  
*Beauveria bassiana* 5979

USA, New York  
*Beauveria bassiana* 350

USA, Texas  
*Isaria javanica* 7119

USA, Vermont  
*Lecanicillium evansii(?)* 11805

Solomon Islands  
*Metarhizium anisopliae* sensu lato  
4290 4333 4334 4335 4336 4337  
4338 4339 4340 4341 4557 4558  
4572 4582  
*Metarhizium pingshaense* 4342  
4610  
*Haphochelus marginalis*  
France  
*Metarhizium anisopliae* sensu lato  
3148

**Coleoptera: Anthicidae**  
*Anthicus floralis*  
Poland  
*Beauveria pseudobassiana* 157

**Coleoptera: Anthribidae**  
*Araecerus fasciculatus*  
USA, Florida  
*Beauveria bassiana* 413

**Coleoptera: Bruchidae**  
Brazil, Goiás  
*Metarhizium anisopliae* sensu lato  
932

Brazil, Mato Grosso  
*Metarhizium anisopliae* sensu lato  
954

*Caryedon serratus*  
France  
*Beauveria bassiana* 1186

**Coleoptera: Buprestidae**  
Kyrgyz Republic  
*Beauveria bassiana* 6499

*Agrilus planipennis*  
Canada, Ontario  
*Beauveria bassiana* 10393 10394  
10395 10396 10397 10398 10399  
10400 10401 10402 10403 10404  
10405 10406 10407 10408 10409  
10410 10411 10412 10413 10414  
10415 10416 10417 10418 10419

## Fungus by Host and Location

*Coleoptera: Buprestidae*  
*Coleoptera: Cerambycidae*

10420 10421 10422 10423 10424 10425 10426 10427 10428 10429 10430 10431 10432 10433 10434 10435 10436 10437 10438 10439 10440 10441 10442 10443 10444 10445 10446 10447 10448 10449 10450 10451 10452 10453 10454 10455 10456 10457 10458 10459 10460 10461 10462 10463 10464 10465 10466 10467 10468	Russian Federation <i>Beauveria bassiana</i> 7581	<i>Beauveria bassiana</i> 6387 6390 7155 7156 7157 7166 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 8414 <i>Metarhizium pingshaense</i> 8420 <i>Scopulariopsis</i> sp. 8421
USA, Michigan <i>Beauveria bassiana</i> 8771 8772 8773 8774 <i>Beauveria</i> sp. 8110 8111 8112 8113 8116 8117 8119 8120 8121 8122 8123 8124 8125 8126 8127 8128 8129 8130 8132 8133 8134 8135 8136 8137 8138 8139 8140 8141 8143 8144 8145 8146 8147 8148 8149 8150 8151 8152 8153 8154 8156 8158 8159 8160 8161 8164 8166 8167 8168 8169 8170 8171 8172 8173 8174 8175 8176 8177 8178 8180 8181 8182 8185 8186 8187 8188 8181	USA, Vermont <i>Hirsutella thompsonii</i> 11819 <i>Isaria farinosa</i> 11831 USA, Washington <i>Beauveria bassiana</i> 3386	USA, Connecticut <i>Beauveria bassiana</i> 6393 <i>Metarhizium anisopliae</i> sensu lato 6388 <i>Metarhizium brunneum</i> 6392 7234 8415 8416 8417 8418 8419
<i>Amara familiaris</i> Denmark <i>Beauveria bassiana</i> 4034	USA, Illinois <i>Beauveria bassiana</i> 7152 7153 7154 <i>Metarhizium anisopliae</i> sensu lato 7180	
<i>Amara plebeja</i> Denmark <i>Beauveria bassiana</i> 4031	USA, Massachusetts <i>Metarhizium anisopliae</i> sensu lato 6389	
<i>Bembidion lampros</i> Denmark <i>Beauveria bassiana</i> 4032 <i>Isaria farinosa</i> 4043	USA, Michigan <i>Aspergillus flavus</i> 6469 <i>Mucor circinelloides</i> 6470	
<i>Calosoma</i> sp. Poland <i>Polycephalomyces formosus</i> 1424	USA, New York <i>Beauveria bassiana</i> 6391 7158 7159 7179 8412 8413 <i>Isaria farinosa</i> 8411	
<i>Carabus</i> sp. Russian Federation <i>Sporothrix insectorum</i> 9502	<i>Anoplophora malasiaca</i> Japan <i>Beauveria brongniartii</i> 6235 6412	
Ukraine <i>Simplicillium lamellicola</i> 9479	<i>Aromia moschata</i> Italy <i>Beauveria bassiana</i> 1559 1560 1561 1562 1563	
<i>Hapalus</i> sp. Denmark <i>Isaria farinosa</i> 4045	<i>Dectes texanus</i> USA, Kansas <i>Beauveria bassiana</i> 6471 <i>Metarhizium robertsii</i> 6472	
<i>Trechus quadrstriatus</i> United Kingdom <i>Zoophthora anglica</i> 1739	<i>Enaphalodes rufulus</i> USA, Arkansas <i>Beauveria bassiana</i> 7404	
<b>Coleoptera: Cerambycidae</b> Brazil, Ceará <i>Beauveria bassiana</i> 785	<i>Moechotypa diphysis</i> Japan <i>Beauveria bassiana</i> 1678	
Denmark Sterile mycelium 4009	<i>Monochamus alternatus</i> Japan <i>Beauveria bassiana</i> 1679	
Ecuador <i>Beauveria pseudobassiana</i> 2557	<i>Monochamus scutellatus</i> USA, Michigan <i>Beauveria bassiana</i> 7162 7163	
France <i>Beauveria bassiana</i> 5072 <i>Isaria farinosa</i> 5073 5074 5075 5080	<i>Niphonoclea</i> sp. Philippines <i>Beauveria brongniartii</i> 1431	
Japan <i>Harposporium janus</i> 5601	<i>Ortholeptura valida</i> USA, Oregon <i>Beauveria bassiana</i> 5997	
Mexico <i>Beauveria bassiana</i> 319	<i>Phoracantha semipunctata</i> Malawi <i>Beauveria malawiensis</i> 7760	
Republic of Korea <i>Beauveria bassiana</i> 6721 7251 7261 7266 7275 <i>Isaria farinosa</i> 7276	<i>Plectrodera scalarator</i> USA, Michigan <i>Beauveria bassiana</i> 7160 7161 7165 <i>Lecanicillium lecanii</i> 7181 7182	
Russia <i>Beauveria bassiana</i> 9442	<i>Psacothea hilaris</i> Japan <i>Beauveria amorphpha</i> 1680	
USA, Rhode Island <i>Beauveria bassiana</i> 318	<i>Beauveria bassiana</i> 1041	
<i>Agrianome spinicollis</i> Australia <i>Metarhizium anisopliae</i> sensu lato 7498 7499 7500		
<i>Anoplophora glabripennis</i> PR China <i>Beauveria amorphpha</i> (?) 6827		

<i>Tetropium fuscum</i>	<i>Metarhizium robertsii</i> 724	USA, Nebraska
Norway	<i>Beauveria bassiana</i> 3111	
<i>Beauveria bassiana</i> 11660		
<b>Coleoptera: Chrysomelidae</b>		
Australia	<i>Crinissa</i> sp.	<i>Diabrotica virgifera virgifera</i>
<i>Beauveria bassiana</i> 8835 8836	Brazil, Ceará	Mexico
<i>Isaria fumosorosea</i> 8840	<i>Beauveria bassiana</i> 786 788 805	<i>Beauveria bassiana</i> 9297 9298 9299
Brazil, Goiás	<i>Crinissa cruralis</i>	9300 9301 9302
<i>Beauveria bassiana</i> 1971	Brazil, Ceará	<i>Galerucella</i> sp.
Kazakhstan	<i>Beauveria bassiana</i> 4001	USA, Texas
<i>Isaria farinosa</i> 6491	<i>Diabrotica</i> sp.	<i>Beauveria bassiana</i> 5465
Mexico	Brazil	<i>Galerucina</i> sp.
<i>Beauveria bassiana(?)</i> 6890 6891	<i>Beauveria bassiana</i> 3219	France
Nepal	Brazil, Amazonas	<i>Beauveria bassiana</i> 2463
<i>Cordyceps scarabaeicola</i> 7277 7278	<i>Beauveria bassiana</i> 2512	<i>Leptinotarsa decemlineata</i>
Republic of Kazakhstan	Brazil, Goiás	Canada, Ontario
<i>Beauveria bassiana</i> 10350	<i>Beauveria bassiana</i> 956 2938 2942	<i>Beauveria bassiana</i> 5807
Republic of Korea	<i>Metarhizium anisopliae</i> sensu lato	Canada, Québec
<i>Beauveria bassiana</i> 7244 7247 7271	1885 2513	<i>Beauveria bassiana</i> 2987 2988 2989
7272	<i>Metarhizium robertsii</i> 2514	2990 2991
<i>Beauveria sungii</i> 7279 7280	Brazil, Mato Grosso	Commonwealth of Independent States
USA, Florida	<i>Beauveria bassiana</i> 946 947 948 949	<i>Beauveria bassiana</i> 2695
<i>Tilachlidium</i> sp. 10132	950 982	France
USA, Vermont	Colombia	<i>Beauveria bassiana</i> 149 384 1982
<i>Beauveria bassiana</i> 11844	<i>Beauveria bassiana</i> 721	<i>Scopulariopsis</i> sp. 2327
<i>Metarhizium</i> sp. 11849	Mexico	Germany
Vietnam	<i>Beauveria bassiana</i> 3287	<i>Beauveria bassiana</i> 340
<i>Beauveria bassiana</i> 751	<i>Diabrotica balteata</i>	Italy
Yugoslavia, Serbia	Mexico	<i>Beauveria bassiana</i> 1106
<i>Beauveria bassiana</i> 504	<i>Beauveria bassiana</i> 3309	Location not specified
<i>Agelastica alni</i>	<i>Diabrotica barberi</i>	<i>Beauveria bassiana</i> 5286
Denmark	USA, South Dakota	Unidentified sp. 3724
<i>Verticillium lecanii</i> 4022	<i>Beauveria bassiana</i> 2579	Russian Federation
Republic of Georgia	<i>Diabrotica paranaensis</i>	<i>Beauveria bassiana</i> 9441
<i>Evlachovaea kintrischica</i> 7218 8058	Brazil, Goiás	USA, Maine
Russian Federation	<i>Beauveria bassiana</i> 739 752 758 809	<i>Beauveria bassiana</i> 252 353
<i>Metarhizium</i> sp. 7643	Brazil, Mato Grosso	USA, Maryland
<i>Basilepta fulvicornis</i>	<i>Beauveria bassiana</i> 937 938	<i>Beauveria bassiana</i> 8998
India	<i>Diabrotica speciosa</i>	USA, Michigan
<i>Beauveria</i> sp. 8250	Argentina	<i>Aspergillus</i> sp. 6571
<i>Brontispa longissima</i>	<i>Beauveria bassiana</i> 2515 8373	<i>Beauveria bassiana</i> 5813
Australia	Brazil, Alagoas	USA, New York
<i>Metarhizium anisopliae</i> sensu lato	<i>Beauveria bassiana</i> 1954	<i>Beauveria bassiana</i> 534 535 1039
8745 8746 8747	Brazil, Bahia	1081 1619 1620 1621 1622 1623
Western Samoa	<i>Beauveria bassiana</i> 1961	1624 1704 1705 1706 1707 1708
<i>Metarhizium anisopliae</i> sensu	<i>Metarhizium anisopliae</i> sensu lato	1709 1710 1711 1712 1713 1721
stricto 2223	1958	1722 1723 1749 1750 1775 1776
<i>Cerotoma</i> sp.	Brazil, Goiás	1777 1778 1779 1780 1781 2030
Brazil, Mato Grosso	<i>Beauveria bassiana</i> 928 1476 2625	2031 2032 5533 5534 5535 5536
<i>Beauveria bassiana</i> 951	2626	5537 6986 6987 6988
Brazil, Paraná	Brazil, Paraná	USA, Rhode Island
<i>Beauveria bassiana</i> 1458	<i>Beauveria bassiana</i> 958 1060 1453	<i>Beauveria bassiana</i> 317
Brazil, Rio de Janeiro	1454 1455 1461 1462 1463 1466	USA, Washington
<i>Purpureocillium lilacinum</i> 1951	1469 2511 2520	<i>Beauveria bassiana</i> 344 1079
Brazil, Santa Catarina	<i>Metarhizium anisopliae</i> sensu lato	Yugoslavia
<i>Beauveria bassiana</i> 1467	1056	<i>Beauveria bassiana</i> 505 506 507 510
<i>Cerotoma arcuata</i>	Brazil, Rio Grande do Sul	Yugoslavia, Croatia
Brazil, Amazonas	<i>Beauveria bassiana</i> 1456 1459 1460	<i>Beauveria bassiana</i> 509
<i>Beauveria bassiana</i> 731 732 756	1464 1465 1475	<i>Lilioceris lilii</i>
Brazil, Bahia	Brazil, Santa Catarina	<i>Beauveria bassiana</i> 5195
<i>Beauveria bassiana</i> 2075	<i>Beauveria bassiana</i> 1470 1471 1472	Denmark
Brazil, Goiás	1473	<i>Fusarium</i> sp. 4011
<i>Beauveria bassiana</i> 931 934	<i>Diabrotica undecimpunctata</i>	<i>Maecolaspis monrosi</i>
<i>Metarhizium anisopliae</i> sensu lato	USA, Oregon	Argentina
760 2076 2077 2635 2941	<i>Beauveria bassiana</i> 201	<i>Beauveria bassiana</i> 2509
	<i>Diabrotica virgifera</i>	
	Mexico	
	<i>Beauveria bassiana</i> 2330	

## Fungus by Host and Location

**Coleoptera: Chrysomelidae**  
**Coleoptera: Curculionidae**

<i>Notonata</i> sp.	<i>Coccinella septempunctata</i>	<i>Paecilomyces</i> sp. 5184 5193
Costa Rica	Denmark	Canada, British Columbia
<i>Beauveria bassiana</i> 3437 3438 3439	<i>Beauveria bassiana</i> 4018	<i>Beauveria bassiana</i> 7978
3441 3442 3444 3446 3447 3450	<i>Beauveria</i> sp. 4027	Indonesia
3451 3452 3455	Location not specified	<i>Metarhizium brunneum</i> 2224
<i>Odontota dorsalis</i>	<i>Beauveria bassiana</i> 3534	United Kingdom
<i>Beauveria bassiana</i> 5553	Ukraine	<i>Beauveria bassiana</i> 7769
<i>Oulema melanopus</i>	<i>Isaria fumosorosea</i> 9521	USA, New York
France	USA, Michigan	<i>Beauveria bassiana</i> 3667
Unidentified sp. 3980	<i>Beauveria bassiana</i> 2580	<i>Anthonomus grandis</i>
<i>Pachybrachis pallicornis</i>	<i>Coleomegilla maculata</i>	Brazil
Malaysia	Brazil, Alagoas	<i>Beauveria</i> sp. 1835
<i>Beauveria</i> sp. 547	<i>Beauveria bassiana</i> 1956	Brazil, São Paulo
<i>Paropsis charybdis</i>	Brazil, Goiás	<i>Beauveria bassiana</i> 1966 2559 2638
New Zealand	<i>Metarhizium anisopliae</i> sensu lato	2639 2945 2946
<i>Beauveria pseudobassiana</i> 3066	808	USA, Texas
<i>Phyllotreta nigripes</i>	<i>Cycloneura sanguinea</i>	<i>Aspergillus</i> sp. 7048
Denmark	Argentina	<i>Beauveria bassiana</i> 3097 7795
Unidentified sp. 4037	<i>Beauveria bassiana</i> 2010 8372 8462	<i>Anthonomus musculus</i>
<i>Pyrrhalta fuscipennis</i>	8463	USA, Massachusetts
Japan	<i>Henosepilachna vigintioctopunctata</i>	<i>Beauveria bassiana</i> 3037
<i>Mixed Culture</i> sp. 1043	PR China	<i>Penicillium</i> sp. 3036
<i>Pyrrhalta luteola</i>	<i>Beauveria lii</i> 11741	<i>Pochonia bulbillosa</i> (?) 3035
France	<i>Hippodamia convergens</i>	USA, New Jersey
<i>Beauveria bassiana</i> 1509 1510 1511	Mexico	<i>Fusarium</i> sp. 3030 3031 3032
1518 1519	Unidentified sp. 3821	<i>Apion</i> sp.
<i>Isaria farinosa</i> 1507 1508	USA, New York	Denmark
<i>Isaria fumosorosea</i> 1506	<i>Beauveria bassiana</i> 4973 4974 4975	<i>Beauveria bassiana</i> 4023
<i>Lecanicillium lecanii</i> 1505	<i>Coleoptera: Cucujidae: Silvaninae</i>	<i>Aracanthus</i> sp.
<i>Pyrrhalta viburni</i>	<i>Ahasverus advena</i>	Brazil, Ceará
Russian Federation	Denmark	<i>Beauveria bassiana</i> 753
<i>Beauveria bassiana</i> 9449	<i>Beauveria bassiana</i> 5857	Brazil, Rio Grande do Sul
<i>Spaethiella</i> sp.	<i>Coleoptera: Curculionidae</i>	Unidentified sp. 3478
Brazil, Amazonas	<i>Metarhizium anisopliae</i> sensu lato	<i>Artipes</i> sp.
<i>Isaria fumosorosea</i> 2956	8098 8099	USA, Florida
<i>Systema</i> sp.	Argentina	<i>Stilbella buquetii</i> 2915
Brazil, Goiás	<i>Beauveria bassiana</i> 7202 7466 7471	<i>Barypeithes pellucida</i>
<i>Beauveria bassiana</i> 2079	8520 8521 8522 8523 8524 8525	USA, New York
<i>Xanthogaleruca luteola</i>	8526 8530	<i>Beauveria brongniartii</i> 6213 6214
Argentina	<i>Beauveria</i> sp. 7463	6215
<i>Beauveria bassiana</i> 5501	Brazil, Goiás	<i>Blosyrus asellus</i>
<i>Zygogramma bicolorata</i>	<i>Beauveria bassiana</i> 930	USA, Hawaii
India	Brazil, Paraná	<i>Metarhizium anisopliae</i> sensu lato
<i>Metarhizium pingshaense</i> 2231	1061	9217 9218
<i>Coleoptera: Chrysomelidae: Hispinae</i>	Denmark	<i>Brachyderes incanus</i>
<i>Beauveria bassiana</i> 8494	<i>Beauveria bassiana</i> 4052	Netherlands
<i>Coleoptera: Coccinellidae</i>	Indonesia, Sulawesi Selatan, Celebes	<i>Hirsutella fusiformis</i> 5474
<i>Beauveria bassiana</i> 11878	<i>Aspergillus parasiticus</i> 2173	PR China
Republic of Korea	<i>Metarhizium brunneum</i> 2210	<i>Isaria catenannulata</i> 6243
<i>Beauveria</i> sp. 4853	Unidentified / Hyphomycetes 2225	<i>Ceutorhynchus litura</i>
Russian Federation	Papua New Guinea	Location not specified
<i>Beauveria</i> sp. 7591	<i>Scopulariopsis</i> sp. 2169	<i>Beauveria bassiana</i> 3403
Turkey	PR China	<i>Ceutorhynchus macula-alba</i>
<i>Beauveria pseudobassiana</i> 5678	<i>Isaria catenannulata</i> 6241	Czech Republic
<i>Beauveria</i> sp. 5833	Republic of Korea	<i>Metarhizium flavoviride</i> 2133
<i>Isaria farinosa</i> 5754 5834	<i>Beauveria bassiana</i> 2040	<i>Ceutorhynchus napi</i>
Unidentified / Hyphomycetes 5677	<i>Lecanicillium muscarium</i> 7248	Switzerland
Uzbekistan	Unidentified / Hyphomycetes 5695	<i>Conidiobolus coronatus</i> 1572 1573
<i>Beauveria bassiana</i> 6055 6061 6062	USA, Hawaii	1574 1575
6063 6074 6075 6092 6095 6111	<i>Beauveria bassiana</i> 8705	<i>Chalcodermus</i> sp.
6112	USA, New York	Brazil, Mato Grosso
<i>Coccinella</i> sp.	<i>Beauveria bassiana</i> 6216 6217	<i>Beauveria bassiana</i> 941 942 943
USA, New York	USA, Vermont	953
<i>Beauveria bassiana</i> 2033 2034	<i>Isaria farinosa</i> 11830	

<i>Chalcodermus aeneus</i>	France	<i>Metarhizium anisopliae</i> sensu lato
Brazil, Goiás		818
<i>Beauveria bassiana</i> 733 734 735 736		<i>Metarhizium brunneum</i> 817 820
738		<i>Metarhizium flavoviride</i> 2024
<i>Metarhizium anisopliae</i> sensu lato		<i>Metarhizium flavoviride</i> var.
725 929		<i>flavoviride</i> 1184
USA, Georgia		Germany
<i>Beauveria bassiana</i> 336 337		<i>Metarhizium brunneum</i> 5198
<i>Fusarium</i> sp. 2568 2569		<i>Metarhizium robertsii</i> 1910
<i>Chalcodermus bimaculatus</i>		Location not specified
Brazil, Goiás		<i>Verticillium insectorum</i> 3715
<i>Penicillium</i> sp. 2950		New Zealand
<i>Conotrachelus nenuphar</i>		<i>Beauveria bassiana</i> 8078
Location not specified		<i>Beauveria pseudobassiana</i> 3065
<i>Beauveria bassiana</i> 1016		United Kingdom
USA, Michigan		<i>Beauveria bassiana</i> 6552 7763
<i>Beauveria bassiana</i> 8260 8261 8262		<i>Metarhizium anisopliae</i> sensu
8263		stricto 6549
<i>Fusarium</i> sp. 8266 8267		<i>Metarhizium anisopliae</i> sensu
<i>Lecanicillium muscarium</i> (?) 8265		stricto 6546
<i>Cosmopolites</i> sp.		<i>Verticillium lecanii</i> 6545
Brazil		USA, Oregon
<i>Beauveria bassiana</i> 1833		<i>Isaria farinosa</i> 2937
<i>Cosmopolites sordidus</i>		Phlyctinus callosus
Brazil, Espírito Santo		Australia
<i>Beauveria bassiana</i> 1483		<i>Beauveria bassiana</i> 8756 8757
West Africa		Pissodes strobi
<i>Beauveria bassiana</i> 4798 4799		Canada, British Columbia
<i>Curculio caryae</i>		<i>Lecanicillium muscarium</i> 8048 8049
USA		8050 8051 8052 8053 8054
<i>Metarhizium robertsii</i> 3608		<i>Lecanicillium pissodis</i> 8055 8056
USA, Arkansas		8057
<i>Sorosporella uvella</i> 1123		Premnotrypes latithorax
USA, Georgia		Peru
<i>Beauveria bassiana</i> 2676		<i>Beauveria bassiana</i> 5983 5984
USA, South Carolina		Premnotrypes suturicallus
<i>Metarhizium robertsii</i> 2575		Peru
<i>Cyrtepistomus castaneus</i>		<i>Beauveria amorphia</i> 1969
USA, Kentucky		Premnotrypes vorax
<i>Beauveria bassiana</i> 2270		Colombia
<i>Beauveria brongniartii</i> 2271		<i>Beauveria bassiana</i> 2248
<i>Desiantha diversipes</i>		<i>Isaria farinosa</i> 799
<i>Metarhizium anisopliae</i> sensu lato		Rhabdoscelus obscurus
8568 8569		Australia
<i>Diaprepes abbreviata</i>		<i>Metarhizium anisopliae</i> sensu lato
Location not specified		8762 8828 8847
<i>Beauveria bassiana</i> 433		Rhynchites aequatus
USA, Florida		Denmark
<i>Aspergillus nidulans</i> (?) 6515		<i>Beauveria bassiana</i> 8037
<i>Beauveria bassiana</i> 412 416		Rhynchites baccus
<i>Cladosporium sphaerospermum</i>		Turkey
6516		<i>Beauveria bassiana</i> 8668
<i>Metarhizium pingshaense</i> 5197		Rhynchophorus ferrugineus
<i>Purpureocillium lilacinum</i> 410		Iran
<i>Geraeus senilis</i>		<i>Beauveria bassiana</i> 6903
Mexico		Shirahoshizo insidiosus
<i>Beauveria bassiana</i> 3310 3311		Japan
<i>Metarhizium anisopliae</i> sensu lato		<i>Beauveria</i> sp. 1681
3305 3306 3308		Sitona sp.
<i>Heilipodus erythropus</i>		France
Argentina		<i>Beauveria bassiana</i> 1647
<i>Beauveria bassiana</i> 8461		New Zealand
<i>Hypera postica</i>		<i>Beauveria bassiana</i> 8077
Denmark		<i>Beauveria pseudobassiana</i> 3063
<i>Beauveria bassiana</i> 4038 4049		

# Fungus by Host and Location

**Coleoptera: Curculionidae**  
**Coleoptera: Scarabaeidae**

<i>Sitona discoideus</i>	Japan	<b>Coleoptera: Lagriidae</b>
France	<i>Tilachlidium</i> sp. 2415	<i>Lagria vilosa</i>
<i>Beauveria bassiana</i> 816 1185 1191	Russian Federation	Brazil
<i>Metarhizium guizhouense</i> 819	<i>Beauveria brongniartii</i> 9452	<i>Isaria amoenerosea</i> 4097
Morocco	<i>Beauveria</i> sp. 7580 7635 7636	Brazil, Alagoas
<i>Beauveria bassiana</i> 1153 1154 1155	<i>Tolyphocladium cylindrospororum</i>	<i>Isaria farinosa</i> 1957
1163 1164 1171 1172 1173 1174	7812	Brazil, Goiás
1175 1176 1177 1178 1179 1180	<i>Beauveria bassiana</i> 5670	<i>Beauveria bassiana</i> 2961
1181 1183 1188 1189 1190 1309	USA, New York	<i>Isaria amoenerosea</i> 741 744 2220
1311 1312 1313 1811 1815 1816	<i>Lecanicillium</i> nr. <i>aranearum</i> 11811	2958 2959 2960
1817 1818 1819 1820 1821	<i>Metarhizium anisopliae</i> sensu lato	<i>Isaria fumosorosea</i> 722 2216 2217
<i>Fusarium</i> sp. 1310	11850	2219 2221
<i>Sitona humeralis</i>	<i>Agriotes</i> sp.	<i>Purpureocillium lilacinum</i> 723 2952
France	Germany	<i>Pochonia chlamydosporia</i> var.
<i>Beauveria bassiana</i> 1491	<i>Evlachovaea</i> sp. 7403	<i>chlamydosporia</i> 2218
<i>Sitona lineatus</i>	Switzerland	<b>Coleoptera: Lampyridae</b>
Denmark	<i>Metarhizium anisopliae</i> sensu lato	Russian Federation
<i>Beauveria bassiana</i> 4013 4015 4016	7524	<i>Isaria coleopterorum</i> 9509
4019 4021 4041	United Kingdom	<i>Lecanicillium</i> nr. <i>aranearum</i> 9460
<i>Isaria farinosa</i> 4039	<i>Metarhizium anisopliae</i> sensu lato	USA, Vermont
<i>Lecanicillium muscarium</i> 4033	6551	<i>Beauveria</i> sp. 5186 5188
<i>Metarhizium brunneum</i> 4020	USA, Oregon	<i>Cratomorphus diaphanus</i>
France	<i>Metarhizium anisopliae</i> sensu lato	Argentina
<i>Beauveria bassiana</i> 1156 1157 1158	7494	<i>Beauveria bassiana</i> 8464
1159 1160 1161 1162 1165 1167	<i>Metarhizium brunneum</i> 2107	<b>Coleoptera: Languriidae</b>
1168 1169 1170 1182 1192 1193	<i>Agriotes sputator</i>	Costa Rica
1194 1306	Denmark	<i>Beauveria bassiana</i> 3457
<i>Sitophilus</i> sp.	<i>Zoophthora anglica</i> 2505	<b>Coleoptera: Meloidae</b>
United Kingdom	Switzerland	Republic of Korea
<i>Beauveria bassiana</i> 7764 7773 7774	<i>Metarhizium anisopliae</i> sensu lato	<i>Isaria amoenerosea</i> 4849
<i>Sitophilus oryzae</i>	1377	<b>Coleoptera: Melyridae</b>
Republic of Korea	<i>Zoophthora anglica</i> 396	<i>Malachius bipustulatus</i>
<i>Cordyceps</i> sp. 4852	Athalia rosae	Poland
<i>Sternechus subsignatus</i>	Switzerland	<i>Lecanicillium muscarium</i> 1335
Brazil, Paraná	<i>Pandora blunckii</i> 915 917 920 1715	<b>Coleoptera: Nitidulidae</b>
<i>Beauveria bassiana</i> 1450	1716 1717 1718	Australia
<i>Metarhizium anisopliae</i> sensu lato	Conoderus sp.	<i>Beauveria bassiana</i> 325
1989	New Zealand	<b>Coleoptera: Pythidae</b>
Brazil, Rio Grande do Sul	<i>Metarhizium anisopliae</i> sensu	<i>Pytho</i> sp.
Unidentified sp. 3471	stricto 2518	Canada, British Columbia
<b>Coleoptera: Curculionidae: Apioninae</b>	USA	<i>Beauveria bassiana</i> 1854
<i>Cylas formicarius elegantulus</i>	<i>Metarhizium anisopliae</i> sensu	<b>Coleoptera: Rhizophagidae</b>
Peru	lato 1903	<i>Rhizophagus grandis</i>
<i>Beauveria bassiana</i> 5982	USA, California	Belgium
USA, Florida	<i>Metarhizium robertsii</i> 1897	<i>Beauveria bassiana</i> 1848
<i>Beauveria bassiana</i> 5981	USA, North Carolina	<b>Coleoptera: Scarabaeidae</b>
<b>Coleoptera: Dermestidae</b>	<i>Metarhizium robertsii</i> 23	Australia
Kazakhstan	Limonius canus	<i>Metarhizium brunneum</i> 472
<i>Verticillium</i> sp. 6484	USA, Washington	Brazil, Distrito Federal
<b>Coleoptera: Elateridae</b>	<i>Metarhizium anisopliae</i> sensu	<i>Metarhizium anisopliae</i> sensu lato
Australia	lato 7000 7001 7002 7003 7004 7005	3479
<i>Metarhizium anisopliae</i> sensu lato	7006 7007 7008 7009	Ethiopia
8543 8544 8545 8546 8547 8548	<b>Coleoptera: Hispinae</b>	<i>Beauveria bassiana</i> 6686
Belarus	Promecotheca papuana	Kazakhstan
<i>Purpureocillium lilacinum</i> 9524	Papua New Guinea	<i>Isaria farinosa</i> 6488 6489
<i>Lecanicillium fungicola</i> 9483	<i>Synnematium jonesii</i> 5664	Kyrgyz Republic
Brazil, Ceará	<b>Coleoptera: Histeridae</b>	<i>Verticillium</i> sp. 6486
<i>Beauveria bassiana</i> 784 804	Carcinops pumilio	Location not specified
Canada, British Columbia	Denmark	<i>Beauveria brongniartii</i> 4380 4381
<i>Tolyphocladium cylindrospororum</i>	<i>Verticillium lecanii</i> 5856	
7456		
France		
<i>Beauveria bassiana</i> 150		

Nepal	<i>Anomala cuprea</i>
	<i>Cordyceps brongniartii</i> 7517
<i>Metarhizium anisopliae</i> sensu lato	
7527 7529	
Papua New Guinea	
	<i>Metarhizium anisopliae</i> sensu lato
2163	
	<i>Metarhizium pingshaense</i> 2162
Poland	
	<i>Metarhizium majus</i> 1858 1859
PR China	
	<i>Metarhizium guizhouense</i> 683
Republic of Korea	
	<i>Beauveria bassiana</i> 7264
	<i>Beauveria sungii</i> 5689
Russian Federation	
	<i>Clonostachys rosea</i> 9491
	<i>Cordyceps</i> sp. 7848
	<i>Engyodontium rectidentatum</i> 7805
Syria	
	<i>Purpureocillium lilacinum</i> 6110
Turkey	
	<i>Beauveria pseudobassiana</i> 5669
USA, Vermont	
	<i>Pochonia chlamydosporia</i> 3314
Uzbekistan	
	<i>Beauveria bassiana</i> 6058
<i>Adoryphorus</i> sp.	
Australia	
	<i>Metarhizium frigidum</i> 4124
<i>Adoryphorus coulonii</i>	
	<i>Metarhizium anisopliae</i> sensu lato
4142 4239	
Australia	
	<i>Beauveria amorpha</i> 4149
	<i>Beauveria bassiana</i> 4135 4136
	<i>Beauveria pseudobassiana</i> 4274
4721	
	<i>Metarhizium anisopliae</i> sensu lato
4137 4138 4141 4346 4677 4716	
4722 7815	
	<i>Metarhizium flavoviride</i> var.
	<i>flavoviride</i> 4719 4720
	<i>Sterile mycelium</i> 4243
<i>Amphimallon majale</i>	
USA, New York	
	<i>Metarhizium anisopliae</i> sensu lato
9373	
<i>Amphimallon solstitiale</i>	
Denmark	
	<i>Beauveria caledonica</i> 8024
Turkey	
	<i>Clonostachys rosea</i> 11678 11682
11687	
	<i>Fusarium</i> sp. 11670 11671 11672
11673 11674 11675 11677 11679	
11680 11684 11676 11668 11669	
11685 11686 11681 11683	
<i>Ancognatha scarabaeoides</i>	
Colombia	
	<i>Beauveria bassiana</i> 2249 2250
	<i>Metarhizium robertsii</i> 797
<i>Anomala costata</i>	
Japan	
	<i>Beauveria amorpha</i> 1676
	<i>Beauveria brongniartii</i> 985
<i>Anomala cuprea</i>	
Japan	
	<i>Beauveria bassiana</i> 1683
	<i>Beauveria</i> sp. 1682
	<i>Cordyceps brongniartii</i> 7516
<i>Anomola</i> sp.	
Myanmar	
	<i>Metarhizium anisopliae</i> sensu lato
	8738 8739 8740 8741 8742 8743
<i>Anoplognathus</i> sp.	
Australia	
	<i>Beauveria bassiana</i> 8763
	<i>Metarhizium anisopliae</i> sensu lato
8764	
	<i>Metarhizium majus</i> 4566 4601 7505
<i>Anoplognathus hirsutus</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
4574 4779	
<i>Antitrogus consanguineus</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
8761	
<i>Antitrogus mussoni</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
7842 7865 7931	
	<i>Metarhizium pingshaense</i> 7417
<i>Antitrogus parvulus</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
8832 8893	
	<i>Metarhizium anisopliae</i> sensu lato
7496 7819 7839 7854 7864 8833	
8834	
	<i>Metarhizium pingshaense</i> 7410
<i>Aphodius fimetarius</i>	
Denmark	
	<i>Verticillium lecanii</i> 4047
<i>Aphodius howitti</i>	
Location not specified	
	<i>Ophiocordyceps aphodii</i> 5498
<i>Aphodius tasmaniae</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
4125 4132 4133 4139 7845	
	<i>Metarhizium brunneum</i> 346 4131
	Unidentified sp. 4140
New Zealand	
	<i>Beauveria bassiana</i> 8079
	<i>Beauveria pseudobassiana</i> 3070
<i>Cochliotis melolonthoides</i>	
Tanzania	
	Unidentified / Hyphomycetes
	11666
<i>Costelytra zealandica</i>	
Netherlands	
	<i>Beauveria brongniartii</i> 7761
New Zealand	
	<i>Beauveria brongniartii</i> 3054
	<i>Beauveria pseudobassiana</i> 3055
	<i>Metarhizium anisopliae</i> sensu lato
	3056 3057
	<i>Metarhizium pingshaense</i> 7435
<i>Cotinis nitida</i>	
USA, Georgia	
	<i>Metarhizium anisopliae</i> sensu lato
	11951
<i>Cyclocephala</i> sp.	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
	8837 8838
<i>Dasygnathus dejeani</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
	8839
<i>Dermolepida albohirtum</i>	
	<i>Metarhizium anisopliae</i> sensu lato
	7492
	<i>Metarhizium</i> sp. 7493
Australia	
	<i>Metarhizium anisopliae</i> var. <i>lepidiotae</i> 7453
	<i>Metarhizium anisopliae</i> sensu lato
7452 8744 8754 8755 10469	
	<i>Metarhizium lepidiotae</i> 7488
<i>Diloboderus abderus</i>	
Argentina	
	<i>Metarhizium brunneum</i> 6120
<i>Heptophylla picea</i>	
Japan	
	<i>Paecilomyces canadensis</i> 984
<i>Heteronychus arator</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
7932 7933 7934 7935 7936 8549	
8550 8551 8552 8553 8554 8555	
8556 8557 8576 8848 8849	
	<i>Metarhizium robertsii</i> 7424
<i>Heteronyx</i> sp.	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
7843 7844 8586	
	<i>Metarhizium robertsii</i> 7449
<i>Heteronyx piceus</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
7451 8500 8558 8559 8582 8583	
8592 8615 8616 8617 8618 8619	
8620 8621	
	<i>Metarhizium anisopliae</i> sensu
	stricto 7450
<i>Heteronyx rugosipennis</i>	
Australia	
	<i>Metarhizium anisopliae</i> sensu lato
8563 8564 8565 8566 8567 8577	
8610	
<i>Holotrichia consanguinea</i>	
India	
	<i>Metarhizium anisopliae</i> sensu
	stricto 10475
<i>Holotrichia parallela</i>	
China	
	<i>Beauveria asiatica</i> 4384 4474
	<i>Beauveria brongniartii</i> 4385 4386
4388 4465 4466 4467 4468 4469	
4470 4471 4472 4473 4475 4476	
4477 4478	
	<i>Mixed Culture</i> sp. 4387

## Fungus by Host and Location

## Coleoptera: Scarabaeidae

<i>Holotrichia serrata</i>	<i>Oryctes rhinoceros</i>	Portugal
India	France	<i>Beauveria bassiana</i> 5148 5150
<i>Metarhizium anisopliae</i> sensu stricto 10472 10476	<i>Metarhizium anisopliae</i> var. <i>majus</i> 3145	<i>Isaria fumosorosea</i> 2679
<i>Lachnostenra bidentata</i>	<i>Metarhizium majus</i> 978	<i>Metarhizium anisopliae</i> sensu lato 3329 4907 4908
Malaysia	Indonesia, Jawa Barat, Java	<i>Metarhizium brunneum</i> 3864
<i>Metarhizium flavoviride</i> 8737	<i>Metarhizium anisopliae</i> var. <i>majus</i> 2151	<i>Metarhizium robertsii</i> 5149
<i>Lachnostenra morosa</i>	Philippines	Unidentified sp. 3841
Japan	<i>Metarhizium majus</i> 1946	USA, Connecticut
<i>Beauveria sungii</i> 1685	Thailand	<i>Metarhizium anisopliae</i> sensu lato 3713 3720
<i>Lepidiota consobrina</i>	<i>Metarhizium pingshaense</i> 538	<i>Metarhizium robertsii</i> 3721
<i>Metarhizium anisopliae</i> sensu lato 8830 8831	<i>Pachnodia interrupta</i>	Unidentified sp. 3722
Australia	Ethiopia	USA, New York
<i>Metarhizium anisopliae</i> var. <i>lepidiotae</i> 8732	<i>Aspergillus flavus</i> 6454	<i>Metarhizium anisopliae</i> sensu lato 1280 2548 3330 3331 3332 3333
<i>Metarhizium anisopliae</i> sensu lato 7411 7827 7828 7846 8845 8850	<i>Beauveria bassiana</i> 6669 6676 6681	3334 3335 3336 3337 3338 3339
<i>Metarhizium lepidiotae</i> 7412	<i>Metarhizium anisopliae</i> sensu lato 6670 6671 6672 6673 6674 6675	3340 9372
<i>Lepidiota frenchi</i>	6677 6678 6679 6680 6682 6683	<i>Metarhizium robertsii</i> 1298 1878
Australia	6684 6685	<i>Purpureocillium lilacinum</i> 9371
<i>Metarhizium anisopliae</i> sensu lato 7829 7830 7831 8733	<i>Papuana</i> sp.	<i>Rhizotrogus majalis</i>
<i>Lepidiota gibbifrons</i>	Papua New Guinea	USA, New York
Australia	<i>Metarhizium anisopliae</i> sensu lato 8748	<i>Metarhizium robertsii</i> 2547 3108
<i>Metarhizium anisopliae</i> sensu lato 7824 7825 7826	<i>Papuana woodlarkiana</i>	3211 4123
<i>Lepidiota negatoria</i>	Papua New Guinea	Unidentified / Hyphomycetes 2999
Australia	<i>Metarhizium guizhouense</i> 4604	<i>Rhopaea magnicornis</i>
<i>Metarhizium anisopliae</i> sensu lato 7832	<i>Phyllopertha horticola</i>	Australia
<i>Lepidiota noxia</i>	Norway	<i>Beauveria bassiana</i> 4130 7813 8853
Australia	<i>Metarhizium anisopliae</i> sensu lato 6901	8854
<i>Metarhizium anisopliae</i> sensu lato 7504	<i>Metarhizium brunneum</i> 6477	<i>Isaria fumosorosea</i> 8892
<i>Lepidiota picticollis</i>	<i>Phyllophaga</i> sp.	<i>Metarhizium anisopliae</i> sensu lato 8492 8765 8766 8767 8829 8844
<i>Metarhizium anisopliae</i> sensu lato 8501	Mexico	<i>Metarhizium</i> sp. 7495 8851 8852
<i>Lepidiota squamulata</i>	<i>Beauveria bassiana</i> 5740 5741 5742	8855 8856 8857
Australia	5743 5744 5745	<i>Rhopaea verreauxii</i>
<i>Metarhizium anisopliae</i> sensu lato 7816	<i>Phyllophaga</i> ?anxia	Australia
<i>Melolontha</i> sp.	Canada	<i>Metarhizium anisopliae</i> sensu lato 8495
Germany	<i>Metarhizium anisopliae</i> sensu lato 2135 2136 2137 2138 2139	<i>Scapanes australis</i>
<i>Beauveria brongniartii</i> 5355 5356	<i>Metarhizium robertsii</i> 2134	Papua New Guinea
5357 5358 5359 5360 5361 5362	<i>Phyllophaga</i> anxia	<i>Metarhizium pingshaense</i> 3604
5363 5364	Canada	<i>Sericesthis micans</i>
<i>Melolontha melolontha</i>	<i>Metarhizium anisopliae</i> sensu lato 8499	Australia
France	<i>Phyllophaga cuyabana</i>	<i>Metarhizium anisopliae</i> sensu lato 4568 4777 4778
<i>Beauveria brongniartii</i> 617 979	Brazil, Paraná	<i>Sericesthis nigrolineata</i>
<i>Metarhizium guizhouense</i> 977	<i>Metarhizium anisopliae</i> sensu stricto 3924	Australia
Switzerland	<i>Phyllophaga menetriesi</i>	<i>Beauveria bassiana</i> 7853
<i>Beauveria brongniartii</i> 1067 1068	Colombia	<i>Metarhizium anisopliae</i> sensu lato 4780 7814 7863
1069 1070 1071 1072 1076 1077	<i>Evlachovaea</i> sp. 7551	<i>Sericesthis</i> sp.
7528	<i>Popillia japonica</i>	Australia
<i>Metarhizium anisopliae</i> sensu lato 7532	Azores	<i>Metarhizium anisopliae</i> sensu lato 4134 4236
<i>Metarhizium brunneum</i> 1066	<i>Beauveria amorpha</i> 4990	<i>Strigoderma arboricola</i>
<i>Oryctes</i> sp.	<i>Beauveria brongniartii</i> 4992 4993	USA, Michigan
Papua New Guinea	4994 4995	<i>Metarhizium robertsii</i> 1968
<i>Metarhizium anisopliae</i> sensu lato 2156 2165 2166 2167	Japan	<i>Xyloryctes jamaicensis</i>
Philippines	<i>Beauveria brongniartii</i> 4389 4458	India
<i>Metarhizium majus</i> 1914	<i>Beauveria</i> sp. 4390 4391 4392	<i>Beauveria</i> sp. 2412
	<i>Metarhizium robertsii</i> 1046	Western Samoa
	Unidentified / Hyphomycetes 5223	<i>Metarhizium anisopliae</i> var. <i>majus</i> 297 298
	5224 5225 5226 5227	
	Location not specified	
	<i>Beauveria bassiana</i> 3716 3717	
	<i>Cordyceps</i> sp. 3718 3714 3719	

<b>Coleoptera: Scarabaeidae: Aphodiinae</b>	Mexico <i>Beauveria bassiana</i> 2693 3818 3819 <i>Isaria fumosorosea</i> 7284	<i>Anotylus rugosus</i> Denmark <i>Beauveria bassiana</i> 4051 4056
USA, New York <i>Tolypocladium inflatum</i> 4877 4878 4879 4880 4881 4882 4883 4884 4885 4886 4887 4888 4889 4890 4891 4892 4893 4894 4895 4896 4897 4898	Nicaragua <i>Beauveria bassiana</i> 3440 3443 3445 3448 3453	<i>Anotylus sp.</i> Denmark <i>Beauveria bassiana</i> 4046
<b>Coleoptera: Scarabaeidae: Melolonthinae</b>	Sri Lanka <i>Beauveria bassiana</i> 7758	<i>Gyrohypnus angustatus</i> Denmark <i>Beauveria bassiana</i> 4054
<i>Antitrogus rugulosus</i> Australia <i>Paraisaria dubia</i> 5764	Togo <i>Beauveria bassiana</i> 2688 2689 2690 2691 2692 5443 5444 5445 5446 5447 5448 5449 5450 5451 5452 5453 5454 5455 5456 5457 5458 5478 5479 5480 5481 5488 5489 5490	<i>Staphylinus olens</i> Denmark <i>Isaria farinosa</i> 4040
<b>Coleoptera: Scolytidae</b>	Uganda <i>Fusarium</i> sp. 5879	<i>Tachyporus hypnorum</i> Denmark <i>Lecanicillium longisporum</i> 4050
Switzerland <i>Beauveria bassiana</i> 1566 <i>Beauveria caledonica</i> 1567	USA, Hawaii <i>Beauveria bassiana</i> 10471	<i>Tachyporus sp.</i> Denmark <i>Beauveria bassiana</i> 4028
USA, Hawaii <i>Beauveria bassiana</i> 3040	USA, Texas <i>Candida</i> sp. 5729	<b>Coleoptera: Tenebrionidae</b>
<i>Dendroctonus micans</i> Denmark <i>Lecanicillium muscarium</i> 4036	<i>Ips</i> sp. Canada, British Columbia <i>Beauveria pseudobassiana</i> 1855	Brazil, Ceará <i>Beauveria bassiana</i> 757 783 787
Turkey <i>Beauveria bassiana</i> (?) 9271 <i>Beauveria</i> sp. 9272 9273 9274 <i>Isaria farinosa</i> 9269 9270 9275 9276 9277 9278 <i>Lecanicillium muscarium</i> 9267 9268	USA, New Hampshire <i>Lecanicillium muscarium</i> 11803	Kazakhstan <i>Beauveria bassiana</i> 6478 6483 <i>Verticillium lecanii</i> 6487
<i>Dendroctonus ponderosae</i> Canada, British Columbia <i>Beauveria bassiana</i> 1849 1853	USA, Vermont <i>Lecanicillium</i> nr. <i>aranearium</i> 11799	Republic of Korea <i>Isaria farinosa</i> 5699
<i>Dendroctonus rufipennis</i> Canada, British Columbia <i>Evlachovaea</i> sp. 1017	<i>Ips stenographus</i> Norway <i>Beauveria bassiana</i> 6900	USA, Vermont <i>Isaria farinosa</i> 11827
<i>Dryocoetes confusus</i> Canada <i>Beauveria bassiana</i> 9184	<i>Ips typographus</i> Denmark <i>Beauveria brongniartii</i> 4024	Uzbekistan <i>Beauveria bassiana</i> 6057 6064 6077 6078 6096 6113
Canada, British Columbia <i>Beauveria bassiana</i> 1852	Switzerland <i>Beauveria bassiana</i> 7525 7526	<i>Alphitobius diaperinus</i> <i>Beauveria bassiana</i> 5836 5838 5839 5840 5843
<i>Hypothenemus hampei</i> Benin <i>Fusarium</i> sp. 5875 5878 <i>Purpureocillium lilacinum</i> 5876 5877 5880 5882 6188 6190	<i>Tomicus minor</i> France <i>Beauveria bassiana</i> 5071 <i>Beauveria pseudobassiana</i> 4933 5070	<i>Isaria fumosorosea</i> 5844 5845 5846 5847
Brazil, São Paulo <i>Beauveria bassiana</i> 1480	<i>Tomicus pimperda</i> France <i>Beauveria</i> sp. 4909 4910 4911 4912 4913 4914 4915 4916 4917 4918	<i>Metarhizium anisopliae</i> sensu lato 5837 5841 5842 5848 5850 <i>Verticillium lecanii</i> 5849
Cameroon <i>Beauveria bassiana</i> 6526 6527 6528 6529 6530 6531 6532	<b>Coleoptera: Scolytidae (Tribe Ipini)</b> PR China <i>Beauveria pseudobassiana</i> 6229	Denmark <i>Isaria farinosa</i> 5858
Colombia <i>Acremonium alternatum</i> 7282 <i>Fusarium</i> sp. 6602	<b>Coleoptera: Silphidae</b> Russian Federation <i>Isaria farinosa</i> 9511 <i>Lecanicillium</i> sp. 9459	USA, West Virginia <i>Beauveria bassiana</i> 7941
Indonesia, Sulawesi <i>Fusarium</i> sp. 7063	<b>Coleoptera: Staphylinidae</b> Australia <i>Metarhizium anisopliae</i> sensu lato 8734	<i>Pterohelaeus darlingensis</i> Australia <i>Beauveria bassiana</i> 8065
Ivory Coast <i>Beauveria bassiana</i> 5436 5437 5438 5439 5440 5441 5442 5459 5460 5477 5482 5483 5484 5485 5486 5487	Denmark <i>Beauveria bassiana</i> 4055	<i>Tenebrio molitor</i> <i>Aspergillus flavus</i> 9381
<i>Fusarium</i> sp. 5461 <i>Isaria fumosorosea</i> 6730	USA, Nebraska <i>Beauveria bassiana</i> 3112	Denmark <i>Beauveria bassiana</i> 8038
Kenya <i>Beauveria bassiana</i> 2685 2686 2687	USA, New York <i>Paecilomyces carneus</i> 11836	Finland <i>Beauveria bassiana</i> 5623 <i>Isaria fumosorosea</i> 5627 <i>Metarhizium brunneum</i> 5626
		Mexico <i>Metarhizium anisopliae</i> sensu lato 11945 11946 11947
		Republic of China <i>Isaria farinosa</i> 8917 <i>Lecanicillium muscarium</i> 8923 <i>Metarhizium anisopliae</i> sensu lato 8775 8776 8777 8778 8779 8780 8781 8782 8783 8784 8785 8786 8787 8788 8789 8790 8791 8792 8793 8794 8795 8796 8797 8798

## Fungus by Host and Location

**Coleoptera: Tenebrionidae**  
**Diptera: Anthomyiidae**

8799 8858 8859 8860 8861 8862	<b>Dictyoptera: Blattidae</b>	<i>Pochonia chlamydosporia</i> var. <i>chlamydosporia</i> 11810
8863 8864 8865 8866 8867 8868	<i>Periplaneta americana</i>	Unidentified sp. 1922
8869 8870 8871 8872 8873 8874	USA, Louisiana	
8875 8876 8877 8878 8879 8880	<i>Candida</i> sp. 1857	
8881 8882 8883 8884 8885 8886		
8887 8894 8895 8896 8897 8898	<b>Dictyoptera: Mantidae</b>	
8899 8900 8901 8902 8903 8904	Republic of Korea	
8905 8906 8907 8908 8909 8910	<i>Beauveria bassiana</i> 7236 7238	
8911 8912 8913 8914 8915 8916		
8941 8942 8943 8944 8945 8946	<b>Diptera</b>	
8947 8948 8949 8950 8951 8952	Argentina	
8953 8954 8955 9235 9236	<i>Zoophthora radicans</i> 8466	
<i>Purpureocillium lilacinum</i> 8918	Brazil, Bahia	
8919 8920 8921 8922	<i>Beauveria bassiana</i> 1962	
<i>Scopulariopsis</i> sp. 11652	Brazil, Ceará	
<i>Tribolium castaneum</i>	<i>Erynia</i> sp. 876 880 884	
Finland	<i>Furia americana</i> 742 2192 2194	
	Brazil, Paraná	
	<i>Furia americana</i> 1240 1242	
	Canada, Ontario	
	<i>Smittium mucronatum</i> 9063	
	<i>Smittium</i> sp. 9065 9088 9265	
	Denmark	
	<i>Entomophthora muscae</i> 6701	
	<i>Erynia</i> sp. 2495 5812	
	<i>Zoophthora radicans</i> 2499 2500	
	2501 2503 2506 2523 2554	
	France	
	<i>Isaria fumosorosea</i> 887	
	India	
	<i>Fusarium</i> sp. 2414	
	Indonesia, Yogyakarta, Java	
	<i>Paecilomyces</i> sp. 2350 2378	
	Israel	
	138	
	Poland	
	<i>Conidiobolus thrombooides</i> 86 87	
	<i>Zoophthora radicans</i> 1337	
	Republic of Korea	
	<i>Beauveria bassiana</i> 7269	
	Russian Federation	
	<i>Lecanicillium muscarium</i> 7224	
	<i>Mariannaea elegans</i> 9456	
	Sri Lanka	
	<i>Beauveria bassiana</i> 2454	
	Switzerland	
	<i>Entomophthora muscae</i> 392	
	<i>Pandora dipterigena</i> 1720	
	<i>Zoophthora radicans</i> 388	
	Ukraine	
	<i>Lecanicillium muscarium</i> 9470	
	<i>Metarhizium anisopliae</i> 9487	
	<i>Mariannaea elegans</i> 9455	
	USA, Hawaii	
	<i>Beauveria bassiana</i> 8707 8712	
	USA, Maine	
	<i>Pandora dipterigena</i> 131	
	USA, New Hampshire	
	<i>Lecanicillium evansii</i> (?) 11785	
	USA, New York	
	<i>Entomophthora muscae</i> 7371	
	<i>Isaria farinosa</i> 10165	
	<i>Lecanicillium muscarium</i> 10173	
	<i>Lecanicillium psalliotae</i> 10179	
	<i>Lecanicillium wallacei</i> (?) 10172	
	<i>Pandora dipterigena</i> 1921 1923	

Denmark	<b>Diptera: Ceratopogonidae</b>	<i>Chironomus alternans</i>
<i>Beauveria bassiana</i> 4012	<i>Dasyhelea</i> sp.	Australia
<i>Conidiobolus</i> sp. 2672	Australia	<i>Smittium culisetae</i> 9025
<i>Entomophthora muscae</i> 2665 2668	<i>Culicinomyces clavisporus</i> 2478	<i>Corynoneura</i> sp.
2670 2674 2675 6706 6707 6708	France	New Zealand
6709 6710 6711 6717 6811 6814	<i>Smittium culisetae</i> 9097	<i>Harpellales</i> , genus undetermined
6815 6818 6821	<i>Forcipomyia marksae</i>	9089
<i>Strongwellsea castrans</i> 3282 3485	Australia	<i>Smittium culicis</i> 9007 9093
<i>Zoophthora radicans</i> 2666	<i>Crypticola clavulifera</i> 1940	<i>Cricotopus</i> sp.
Norway	<i>Culicinomyces clavisporus</i> 2480	Chile
<i>Entomophthora muscae</i> 6274	2481	<i>Smittium cylindrosporum</i> 9116
United Kingdom	<i>Lagenidium giganteum</i> 2529 2530	9248 9249
<i>Beauveria bassiana</i> 6553 6555 6563	2531 2532	USA, Colorado
6564 6568	<b>Diptera: Chironomidae</b>	<i>Smittium coloradense</i> 9001
<i>Verticillium lecanii</i> 5132 6554	Australia	USA, Oklahoma
<i>Pegoplata aestiva</i>	<i>Smittium elongatum</i> 9251	<i>Smittium stenosporum</i> 9023
Denmark	Canada, Ontario	<i>Diamesa</i> sp.
<i>Beauveria bassiana</i> 8031	<i>Smittium mucronatum</i> 9067 9090	Sweden
<b>Diptera: Bibionidae</b>	9144	<i>Smittium simili</i> 9139
France	Costa Rica	USA, Colorado
<i>Fusarium</i> sp. 2252	<i>Smittium culicisoides</i> 9044	<i>Smittium perforatum(?)</i> 9055
USA, New York	<i>Smittium</i> sp. 9034	<i>Dicrotendipes fumidus</i>
<i>Lecanicillium</i> sp. 11798	Denmark	USA, Kansas
USA, Vermont	<i>Entomophthora culicis</i> 5811	<i>Smittium gravimetallum</i> 9029 9036
<i>Isaria farinosa</i> 11828	France	9264
<i>Plecia</i> sp.	<i>Smittium culicis</i> 9127 9129	<i>Microtendipes</i> sp.
USA, Mississippi	Japan	USA, Kansas
<i>Evlachovaea</i> sp. 7372	<i>Smittium simulii</i> 9019 9136	<i>Smittium commune</i> 9243 9244 9245
<i>Plecia nearctica</i>	Switzerland	<i>Orthocladius</i> sp.
USA, Florida	<i>Smittium culisetae</i> 9132	Sweden
<i>Tolypocladium cylindrosporum</i>	United Kingdom	<i>Smittium</i> sp. 9146
2912	<i>Erynia conica</i> 2405	USA, Colorado
<b>Diptera: Bombylidiae</b>	<i>Erynia</i> sp. 2507	<i>Smittium coloradense</i> 9002
Costa Rica	USA, Arkansas	USA, Kansas
<i>Aspergillus flavus</i> 3430	<i>Smittium</i> sp. 9087	<i>Smittium megazygosporum(?)</i> 9027
<b>Diptera: Brachycera</b>	USA, Kansas	USA, Missouri
France	<i>Smittium commune</i> 9085	<i>Smittium</i> sp. 9121
<i>Zoophthora lanceolata</i> 468	USA, Missouri	USA, Wyoming
Poland	<i>Smittium</i> sp. 9145	<i>Smittium culisetae</i> 9114
<i>Basidiobolus haptosporus</i> 1347	USA, New York	<i>Paraheptagyia</i> sp.
<i>Erynia</i> sp. 1338	<i>Entomophaga conglomerata</i> 2273	Argentina
<i>Pandora dipterigena</i> 1422	<i>Erynia conica</i> 2274	<i>Smittium tronadorium</i> 9030
<b>Diptera: Calliphoridae</b>	<i>Smittium culicis</i> 9011	<i>Polypedilum</i> sp.
<i>Calliphora</i> sp.	USA, Oklahoma	Costa Rica
France	<i>Smittium acutum</i> 9092	<i>Smittium</i> sp. 9120
<i>Beauveria bassiana</i> 1630	<i>Smittium caudatum</i> 9000 9261	<i>Procladius paludicola</i>
<i>Isaria fumosorosea</i> 1646	USA, South Carolina	Australia
<i>Lucilia illustris</i>	<i>Saprolegnia</i> sp. 6427	<i>Furculomyces boomerangus</i> 9077
France	USA, Tennessee	<i>Psectrocladius</i> sp.
<i>Scopulariopsis</i> sp. 2328	<i>Smittium orthocladii</i> 9080	USA, Colorado
<i>Pollenia</i> sp.	<i>Chironomus</i> sp.	<i>Smittium fecundum</i> 9022 9083
Denmark	Australia	<i>Psectrocladius limbatellus</i>
<i>Entomophthora schizophorae</i> 6703	<i>Smittium culicis</i> 9003 9142	Norway
6816 6817	Costa Rica	<i>Smittium</i> sp. 9050
<i>Pollenia rufa</i>	<i>Smittium dipterorum</i> 9250	<i>Psectrocladius paludicola</i>
USA, New York	<i>Smittium phytotelmatum</i> 9076	Australia
<i>Entomophthora muscae</i> 651	France	<i>Furculomyces boomerangus</i> 9259
<b>Diptera: Cecidomyiidae</b>	<i>Smittium culicis</i> 9045 9046	<i>Psectrocladius sordidellus</i>
<i>Resseliella odai</i>	Japan	France
Japan	<i>Amoebidium parasiticum</i> 9183	<i>Smittium mucronatum</i> 9028
<i>Isaria andoi</i> 1684	USA, Tennessee	<i>Pseudokiefferiella</i> sp.
<i>Isaria flavovirescens</i> 1686	<i>Amoebidium appalachense</i> 9181	Switzerland
	9255 9256	<i>Smittium</i> sp. 9147
	<i>Smittium lentaquaticum</i> 9068 9253	<i>Tanytarsus</i> sp.
		Australia
		<i>Smittium angustum</i> 9241

## Fungus by Host and Location

**Diptera: Chironomidae**  
**Diptera: Drosophilidae**

<i>Smittium culicis</i> 9125	<i>Aedes crinifer</i>	<i>Culex renatoi</i>
Costa Rica	Argentina	Argentina
<i>Smittium</i> sp. 9035	<i>Metarhizium brunneum</i> 2974	<i>Smittium culicis</i> 5431
<i>Tanytarsus</i> nr. <i>inextensus</i>	<i>Smittium culisetae</i> 9094	<i>Culex restuans</i>
Australia	Costa Rica	USA, South Carolina
<i>Furculomyces boomerangus</i> 9021	<i>Smittium culisetae</i> 5200	<i>Smittium culisetae</i> 9056
<b>Diptera: Culicidae</b>	<i>Aedes kochi</i>	<i>Culex tarsalis</i>
Argentina	Australia	USA, California
<i>Smittium culisetae</i> 9075	<i>Culicinomyces bisporalis</i> 1948 1949	<i>Lagenidium giganteum</i> 1384
<i>Smittium culicis</i> 9031	<i>Aedes melanimon</i>	<i>Culex territans</i>
Australia	USA, California	USA, Louisiana
<i>Culicinomyces clavisporus</i> 2622	<i>Lagenidium giganteum</i> 3327	<i>Lagenidium giganteum</i> 749
<i>Smittium culicis</i> 9057 9123 9140	<i>Aedes rupestris</i>	<i>Culiseta</i> sp.
9141	Australia	USA, Wyoming
<i>Smittium</i> sp. 9079	<i>Culicinomyces clavisporus</i> 2471	<i>Smittium culisetae</i> 9062 9115 9133
Canada, Ontario	2472 2473 2474 2475 2476 2477	<i>Culiseta impatiens</i>
<i>Smittium culicis</i> 9073	<i>Aedes sierrensis</i>	USA, Colorado
Colombia	USA, California	<i>Smittium culisetae</i> 9012
<i>Lagenidium giganteum</i> 3326	<i>Isaria farinosa</i> 1939	<i>Culiseta incidunt</i>
Czech Republic	<i>Tolyphocladium cylindrosporum</i> 705	USA, California
<i>Tolyphocladium cylindrosporum</i> 961	1580	<i>Smittium culisetae</i> 9095
Japan	<i>Aedes sticticus</i>	<i>Culiseta inconspicua</i>
<i>Smittium culisetae</i> 9015 9109 9110	USA, Wyoming	Australia
9111	<i>Smittium culicis</i> 9009 9130	<i>Culicinomyces clavisporus</i> 2479
New Zealand	<i>Aedes vexans</i>	<i>Culiseta inornata</i>
<i>Tolyphocladium cylindrosporum</i> 976	USA, Hawaii	Canada, Alberta
1027 1028 2911	<i>Smittium culisetae</i> 9102 9103	<i>Culicinomyces clavisporus</i> 964
Tanzania	USA, Kansas	Laboratory manipulation
<i>Simplicillium lanosoniveum</i> 8822	<i>Smittium culisetae</i> 9016 9017	<i>Culicinomyces clavisporus</i> 1260
USA, Hawaii	USA, Nebraska	2482
<i>Smittium culisetae</i> 9026 9098	<i>Smittium culisetae</i> 9246	<i>Culiseta melanura</i>
USA, Louisiana	<i>Anopheles</i> sp.	USA, North Carolina
<i>Smittium culisetae</i> 9024	USA, Florida	<i>Lagenidium giganteum</i> 373
USA, New York	Unidentified sp. 2563	<i>Mansonia titillans</i>
<i>Erynia aquatica</i> 764	<i>Anopheles amictus hilli</i>	USA, Florida
USA, North Carolina	Australia	<i>Leptolegnia chapmanii</i> 2562 2680
<i>Culicinomyces clavisporus</i> 706	<i>Culicinomyces clavisporus</i> 644 645	<i>Ochlerotatus japonicus</i>
<i>Lagenidium giganteum</i> 748	<i>Anopheles gambiae</i>	USA, Tennessee
USA, Tennessee	Mali	<i>Smittium culisetae</i> 9039 9069
<i>Smittium culisetae</i> 9058 9071 9113	Unidentified sp. 3380 3381	<i>Ochlerotatus triseriatus</i>
<i>Smittium culicis</i> 9010	<i>Anopheles quadrimaculatus</i>	USA, Kentucky
<i>Smittium lentaquaticum</i> 9082	USA, North Carolina	<i>Lecanicillium muscarium</i> 810
<i>Smittium</i> sp. 9038 9081 9148	<i>Culicinomyces clavisporus</i> 372 582	USA, NY
USA, Wyoming	583 584 585	<i>Metarhizium anisopliae</i> sensu lato
<i>Smittium culisetae</i> 9247	<i>Culex</i> sp.	3827
<i>Aedes</i> sp.	France	<i>Metarhizium brunneum</i> 3826
USA, New York	<i>Smittium culicis</i> 9128 9149	USA, South Carolina
<i>Erynia aquatica</i> 750	Japan	<i>Smittium morbosum</i> 9060 9061
<i>Aedes aegypti</i>	<i>Smittium culisetae</i> 9048 9107 9108	<i>Ochlerotatus trivittatus</i>
USA, New York	USA, Florida	USA, Pennsylvania
<i>Leptolegnia chapmanii</i> 6718	<i>Leptolegnia chapmanii</i> 2682	<i>Fusarium</i> sp. 11948
<i>Aedes albifasciatus</i>	<i>Culex dolosus</i>	<i>Wyeomyia smithii</i>
Argentina	Argentina	USA, North Carolina
<i>Isaria farinosa</i> 2971	<i>Smittium culisetae</i> 5430 9131	<i>Candida</i> cf. <i>pseudoglaebosa</i> 7146
<i>Leptolegnia chapmanii</i> 5499 7787	<i>Culex pervigilans</i>	<b>Diptera: Drosophilidae</b>
<i>Smittium culicis</i> 5432 9004	New Zealand	USA, Arizona
<i>Aedes albopictus</i>	<i>Smittium culicis</i> 9074	<i>Paecilomyces</i> sp. 3768
USA, Florida	<i>Culex pipiens pipiens</i>	<i>Drosophila</i> sp.
<i>Smittium culisetae</i> 9013	Czech Republic	Canada, British Columbia
USA, Hawaii	<i>Conidiobolus thrombooides</i> 70	<i>Aspergillus niger</i> (?) 7975
<i>Smittium culisetae</i> 9014 9047 9099	USA, Pennsylvania	<i>Penicillium</i> sp. 7976
9100 9101 9104 9105 9106	<i>Fusarium</i> sp. 11949 11950	<i>Drosophila suzukii</i>
<i>Aedes australis</i>	<i>Culex pipiens quinquefasciatus</i>	USA, Tennessee
New Zealand	USA, South Carolina	<i>Batko</i> sp. 12251
<i>Tolyphocladium cylindrosporum</i> 841	<i>Leptolegnia chapmanii</i> 2681	

**Diptera: Empididae**  
**Diptera: Simuliidae**

**Fungus by Host and Location**

<b>Diptera: Empididae</b>	<i>Lecanicillium fusicolorum(?)</i> 5578 5579	<i>Phlebotomus papatasii</i> United Kingdom
Poland	<i>Verticillium lecanii</i> 5859	<i>Beauveria bassiana</i> 2972
<i>Furia ithacensis</i> 1339 1340		
<b>Diptera: Ephydriidae</b>		
United Kingdom	<i>Fusarium</i> sp. 1522	<b>Diptera: Ptychopteridae</b>
<i>Beauveria bassiana</i> 6567	<i>Isaria fumosorosea</i> 1644 1645 1867	<i>Ptychoptera contaminata</i>
? <i>Hydrellia</i> sp.	1868	Denmark
Indonesia, Jawa Barat, Java	<i>Entomophthora muscae</i> 2172	<i>Conidiobolus</i> sp. 2498
<i>Erynia</i> sp. 2097		<i>Eryniopsis ptychopterae</i> 2535 2671
<i>Metarhizium anisopliae</i> sensu lato	<i>USA, California</i>	
2105	<i>Entomophthora schizophorae</i> 5348	
<i>Scatella stagnalis</i>	<i>USA, Florida</i>	<b>Diptera: Sarcophagidae</b>
United Kingdom	<i>Beauveria bassiana</i> 7940	<i>Neobullieria citellivora</i>
<i>Verticillium lecanii</i> 6561		Canada, Alberta
<i>Scatella tenuicosta</i>	<i>USA, Nebraska</i>	<i>Aspergillus flavus</i> 3144
USA, New York	<i>Entomophthora schizophorae</i> 5348	
<i>Beauveria bassiana</i> 8245 8246 8247	<i>USA, New York</i>	<b>Diptera: Scatophagidae</b>
<i>Metarhizium anisopliae</i> sensu lato	<i>Beauveria bassiana</i> 2953 5339 5340	<i>Scatophaga stercoraria</i>
8248 8249	5341 5342 5343 5344 5345 5346	Denmark
	5347	<i>Entomophthora scatophagae</i> 6704
	<i>Entomophthora muscae</i> 454 556 557	6705
	803 2014	
<b>Diptera: Heliomyzidae</b>		<b>Diptera: Sciaridae</b>
USA, Maine	<b>Diptera: Mycetophilidae</b>	Switzerland
<i>Conidiobolus thrombooides</i> 5	Location not specified	<i>Batkoia apiculata</i> 919 927 1660 1661
	<i>Erynia sciarae</i> 1870	United Kingdom
<b>Diptera: Itonididae</b>	<i>Arachnocampa luminosa</i>	<i>Beauveria bassiana</i> 6566
Poland	New Zealand	<i>Bradyia paupera</i>
<i>Hirsutella</i> nr. <i>haptospora</i> 2228	<i>Tolyphocladium extinguens</i> 2921	Denmark
		<i>Batkoia apiculata</i> 3225 3226
<b>Diptera: Muscidae</b>		<i>Lycoriella ingenua</i>
Brazil, Alagoas	<b>Diptera: Nematocera</b>	Mexico
<i>Beauveria bassiana</i> 1955	Poland	<i>Conidiobolus coronatus</i> 9940 9941
Denmark	<i>Zoophthora radicans</i> 1336 1428	9942
<i>Entomophthora muscae</i> 5954	Switzerland	
Ukraine	<i>Entomophthora culicis</i> 387	<b>Diptera: Sciomyzidae</b>
<i>Simplicillium lamellicola</i> 9480	<i>Pandora dipterigena</i> 397	<i>Sepedon sphegeus</i>
USA, New York	<i>Zoophthora lanceolata</i> 426 469	Philippines
<i>Pochonia bulbillosa</i> 11800		<i>Hirsutella</i> sp. 1551
USA, Vermont	<b>Diptera: Psilidae</b>	
<i>Beauveria bassiana</i> 10142 11845	<i>Psila rosae</i>	<b>Diptera: Simuliidae</b>
<i>Isaria farinosa</i> 11832	Denmark	Canada, Newfoundland
<i>Coenosia tigrina</i>	<i>Conidiobolus pseudapiculatus</i> 2493	<i>Batkoia papillata(?)</i> 7068
Denmark	2496 2497 2502	Canada, Québec
<i>Entomophthora ferdinandii</i> 6918	<b>Diptera: Psychodidae</b>	<i>Erynia curvispora</i> 3229
<i>Haematobia irritans</i>	Switzerland	Unidentified sp. 3227 3228 3230
Denmark	<i>Erynia ovispora</i> 399 400	3231 3232 3233 3235 3236 3245
<i>Beauveria bassiana</i> 5862 5864 5865	<i>Lutzomyia</i> sp.	3246 3247
5866	Costa Rica	Costa Rica
<i>Beauveria pseudobassiana</i> 5867	Unidentified sp. 3123 3124 3420	<i>Smittium annulatum</i> 9242
<i>Lecanicillium lecanii(?)</i> 5584 5585	3421 3423 3424 3425 3427 3428	Japan
<i>Musca autumnalis</i>	Guatemala	<i>Smittium simulii</i> 9049
France	<i>Conidiobolus coronatus</i> 3379	Switzerland
<i>Beauveria bassiana</i> 1514	<i>Fusarium</i> sp. 3382 3378	<i>Erynia conica</i> 1752 1753
<i>Isaria fumosorosea</i> 1626	<b>Diptera: Psychodidae</b>	<i>Erynia curvispora</i> 1754
<i>Musca domestica</i>	<i>Lutzomyia longipalpis</i>	USA, Maine
Argentina	Costa Rica	<i>Saprolegnia</i> sp. 179 180
<i>Beauveria bassiana</i> 7049	Unidentified sp. 3422	USA, New York
Denmark	<b>Diptera: Psychodidae</b>	<i>Erynia conica</i> 2275
<i>Beauveria bassiana</i> 5861 5863	<i>Lutzomyia saulensis</i>	<i>Lecanicillium evansii(?)</i> 11796
<i>Entomophthora muscae</i> 2542 5952	Costa Rica	USA, Vermont
5953 6121 6122 6123 6124 6125	<i>Leucanillium muscarium</i> 3418	<i>Isaria farinosa</i> 11826
6126 6127 6128 6129 6130 6131	Unidentified sp. 3413 3417 3419	<i>Prosimulium</i> sp.
6132 6133 6134 6135 6136 6140	<i>Lutzomyia sordelli</i>	Canada
6141 6164 6165 6713 6714 6715	Costa Rica	<i>Smittium culicis</i> 9126
6716 6812 6813	<i>Conidiobolus coronatus</i> 3414 3415	<i>Simulium</i> sp.
<i>Entomophthora schizophorae</i> 6137	<i>Lecanicillium psalliotae</i> 3416	Chile
6138 6139 6142 6143	<b>Diptera: Psychodidae</b>	<i>Smittium imitatum</i> 9033
<i>Isaria fumosorosea</i> 5860	Costa Rica	
	Unidentified sp. 3426	

## Fungus by Host and Location

Diptera: Simuliidae  
Hemiptera: Adelgidae

Costa Rica	<i>Triglyphus primus</i>	Diptera: Uliidiidae
<i>Smittium dipterorum</i> 9263	Denmark	<i>Tetanops myopaeformis</i>
Japan	<i>Entomophthora syrphi</i> 5955	USA, North Dakota
<i>Smittium simulii</i> 9137 9138	<i>Fusarium</i> sp. 7382	<i>Syngliocladium</i> sp. 5217
United Kingdom	<i>Tolypocladium inflatum</i> 3281	<i>Syngliocladium tetanopsis</i> 4972
<i>Erynia conica</i> 1439	France	5497 5577
USA, Minnesota	<i>Beauveria bassiana</i> 1150	Diptera: Xylophagidae
<i>Smittium simulii</i> 9043 9118 9134	Poland	Russian Federation
<i>Simulium uchidai</i>	<i>Isaria farinosa</i> 1348 1349	<i>Isaria farinosa</i> 9512
Japan	Diptera: Thaumaleidae	<i>Lecanicillium</i> sp. 7634 7849
<i>Smittium simulii</i> 9135	Australia	USA, New York
<i>Simulium vandalicum</i>	<i>Smittium culicis</i> 9124	<i>Ophiocordyceps variabilis</i> 4080
USA, Tennessee	New Zealand	<i>Xylophagus</i> sp.
<i>Barbatospora ambicaudata</i> 9020	<i>Smittium culicis</i> 9084	USA, New York
<i>Simulium venustum</i>	Astrothaumalea sp.	<i>Ophiocordyceps variabilis</i> 5365 5366
USA, Maine	Australia	5367 5414 5415 5416 5417 5418
<i>Coelomycidium simulii</i> 218	<i>Smittium culicis</i> 9005 9041	5419 5420 5421 5422 5423 5424
<i>Simulium vittatum</i>	Diptera: Tipulidae	5425 5426 5427 5428 5429
USA, Kansas	Canada, Ontario	Hemiptera
<i>Smittium culisetae</i> 9018 9112	<i>Smittium culicis</i> 9091	Iran
<i>Smittium culicis</i> 9008	France	<i>Verticillium lecanii</i> 6290
USA, Minnesota	<i>Lecanicillium muscarium</i> 2329	Location not specified
<i>Smittium culisetae</i> 9096	Ukraine	<i>Metarhizium anisopliae</i> sensu lato
USA, South Carolina	<i>Isaria</i> sp. 9508	4901 4902
<i>Smittium culisetae</i> 6810 9032	USA, New York	Mexico
<i>Smittium megazygosporum</i> 6275	<i>Erynia sepulchralis</i> 12250	<i>Aschersonia</i> sp. 3015 11754
9037	Unidentified Entomophthorales sp.	<i>Purpureocillium lilacinum</i> 9604
Diptera: Stratiomyidae	7227 7228 7229 7230	Russian Federation
Australia	USA, Oregon	<i>Beauveria bassiana</i> 7583
<i>Metarhizium anisopliae</i> sensu	<i>Smittium</i> sp. 9086	Unidentified / Hyphomycetes 7806
stricto 7418 7419 7423 7426 7427	USA, Vermont	Trinidad
7428	<i>Isaria coleopterorum</i> 10163	<i>Hirsutella</i> sp. 4511
<i>Metarhizium guizhouense</i> 7420	<i>Isaria farinosa</i> 11824	USA, Puerto Rico
<i>Metarhizium pingshaense</i> 7414	Aphrophila bidentata	7369
7421 7422 7425 7429	Chile	<i>Aschersonia andropogonis</i> 7391
<i>Boreoides tasmaniensis</i>	<i>Smittium simulatum</i> 9042 9078	<i>Aschersonia rhombispora</i> 7390
Australia	9117	Unidentified / Hyphomycetes
<i>Metarhizium anisopliae</i> sensu lato	Dactylolabis montana	7392
4600 4620	Canada, Ontario	Poland
<i>Chiromyza</i> sp.	<i>Smittium culicis</i> 9143	Unidentified sp. 1423
Brazil, Minas Gerais	Elliptera astigmatica	USA, Florida
<i>Evlachovaea</i> sp. 6146	USA, Colorado	<i>Beauveria bassiana</i> 5978
<i>Inopus rubriceps</i>	<i>Smittium tipulidarum</i> 9052 9053	Colombia
Australia	9054 9122	<i>Aschersonia turbinata</i> 1030
<i>Metarhizium anisopliae</i> sensu lato	Limonia sp.	Hemiptera: ?Aphididae
7840 7841 7855 7856 7857 7858	Australia	Poland
7859 7860 7861 7914 7915 7916	<i>Smittium culicis</i> 9006 9040	<i>Conidiobolus obscurus</i> 243
7917 7918 7919 7920 7926 8497	Tipula sp.	Hemiptera: Adelgidae
Diptera: Syrphidae	USA, Vermont	Adelges tsugae
Denmark	<i>Myrothecium verrucaria</i> 9359	<i>Beauveria bassiana</i> (?) 5815
<i>Entomophthora muscae</i> 2673	Unidentified sp. 9334	PR China
USA, New York	Tipula paludosa	<i>Beauveria bassiana</i> 6027
<i>Entomophthora muscae</i> 826	Switzerland	<i>Isaria farinosa</i> 6028 6029 6030 6031
Eumerus strigatus	<i>Batkoia gigantea</i> 214 215 403	6032 6033 6034 6036 6037 6038
United Kingdom	<i>Eryniopsis caroliniana</i> 640 641 642	6048 6049
<i>Metarhizium anisopliae</i> var. <i>aniso-</i>	United Kingdom	<i>Lecanicillium muscarium</i> 6035
<i>pliae</i> 6550	<i>Verticillium lecanii</i> 6045 6046 6047	6050
<i>Melanostoma scalare</i>	<i>Beauveria bassiana</i> 6565	USA, Connecticut
Denmark	<i>Conidiobolus</i> sp. 6424	<i>Beauveria bassiana</i> 5767
<i>Entomophthora syrphi</i> 6819 6820		<i>Beauveria bassiana</i> (?) 5816 5817
<i>Platycheirus clypeatus</i>		5818
Denmark		<i>Isaria farinosa</i> 5826 5827
<i>Entomophthora syrphi</i> 6702		

<i>Lecanicillium lecanii</i> 5759	Russian Federation	Location not specified
<i>Lecanicillium muscarium(?)</i> 11816		<i>Beauveria bassiana</i> 5274 5275 5276
<i>Myriangium</i> sp. 11858		5277 5281 5282 5285
<i>Myriodontium keratinophilum</i>		<i>Isaria fumosorosea</i> 3408 5299 5300
11838		5301 5302 5303 5304 5305 5329
Sterile mycelium 5819	Spain	Mexico
USA, Maine		<i>Fusarium</i> sp. 3672 3676 3677 3679
<i>Phoma</i> sp. 9920 9921		Nepal
USA, Massachusetts		<i>Isaria fumosorosea</i> 4482 4483 4484
<i>Acremonium</i> sp. 5773		4485 4486 5297
<i>Beauveria bassiana</i> 5170 5171 5770		<i>Paecilomyces</i> sp. 3870 3871 3872
5796		3844
<i>Fusarium</i> sp. 5803 5825 5823	Uganda	Pakistan
<i>Isaria farinosa</i> 5178 5774 5775 5776		<i>Isaria farinosa</i> 5081 5082 5083 5084
5784 5788 5790 5792 5797 5799		<i>Isaria fumosorosea</i> 3848 3851 3878
5800 5801 5802 5830		4498 4499 4501 4502 4503 5085
<i>Isaria</i> sp. 11630 9369		5086 5087 5088 5089 5090 5107
<i>Lecanicillium lecanii</i> 5785 5787		5113 5115 5116 5117 5118 5119
5794 5829		5121 5122 5272 5298 5475 5476
<i>Lecanicillium muscarium</i> 5165 5778		<i>Paecilomyces</i> sp. 3874 3875 3877
5779 5780 5782 5791 5798 5828		5091 5092 5093 5094 5095 5096
<i>Lecanicillium muscarium(?)</i> 5777		5097 5098 5099 5100 5101 5102
<i>Lecanicillium</i> sp. 9175 9176 11648		5103 5104 5105 5106 5108 5109
<i>Metarhizium anisopliae</i> sensu lato		5110 5111 5112 5114 3842 3845
9590		3847 3849 3850 3876
<i>Paecilomyces</i> sp. 5179 5180 5164	Thailand	Philippines
<i>Trichoderma lignorum</i> 5176		<i>Beauveria bassiana</i> 4981 4982 4983
<i>Verticillium lecanii</i> 5781 5783 5786		4984 5287 5288 5289 5290 5291
5789 5793 5820		5292 5293 5294 5295 5296
USA, New Hampshire		Taiwan
<i>Acremonium(?)</i> sp. 9368 11650		<i>Paecilomyces</i> sp. 4985 4986 4987
9367		4988 4989
<i>Eurotiomycetes, genus undeter-</i>		United Kingdom
mined		<i>Isaria fumosorosea</i> 6562
<i>Exophiala</i> sp. 9362		USA, Arizona
<i>Lecanicillium muscarium</i> 11818		<i>Beauveria bassiana</i> 5283 5284
<i>Lecanicillium</i> sp. 9924 9925 9926		<i>Isaria fumosorosea</i> 5327 5328
9915 9916 9917 9918 9919 9923		USA, California
9365 9922 9363		<i>Fusarium</i> sp. 3668 3669 3670 3671
Unidentified / Hyphomycetes 9364		3673 3674 3675 3678
9366		<i>Isaria farinosa</i> 3658 3659 3661
USA, New Jersey		<i>Isaria fumosorosea</i> 3660 3662 3663
<i>Lecanicillium muscarium</i> 5795		USA, Florida
USA, New York		<i>Aphanocladium album</i> 3680
<i>Myriangium</i> sp. 11857		<i>Isaria fumosorosea</i> 3076 3083 3322
USA, Vermont		USA, Hawaii
<i>Lecanicillium lecanii</i> 11817		<i>Isaria fumosorosea</i> 3889
<i>Lecanicillium</i> sp. 12089 11856		USA, Texas
Unidentified / Hyphomycetes		<i>Fusarium</i> sp. 5332
12086 12087 12088 12090		<i>Isaria farinosa</i> 3572 3574 3575 3576
USA, Virginia		3578 3579 3580 3582 3583 3584
<i>Beauveria bassiana</i> 5768 5769		3585 3586 3587 3588 3589 3591
<i>Isaria farinosa</i> 5760 5761		3592 3593 5306
<i>Lecanicillium muscarium</i> 5772 5822		<i>Isaria fumosorosea</i> 3581 3590 3594
<i>Verticillium lecanii</i> 5771 5821 5824		5260 5261 5262 5263 5264 5265
<i>Dreyfusia normannianiae</i>		5266 5267 5268 5269 5270 5271
Denmark		5307 5308 5309 5310 5311 5312
<i>Verticillium lecanii</i> 5854		5313 5314 5315 5316 5317 5318
<b>Hemiptera: Aleyrodidae</b>		5319 5320 5322 5323 5324 5325
Brazil, Bahia		5326 5330 5331
<i>Fusarium</i> sp. 4002 4003		<i>Isaria javanica</i> 3573 3577 3776 3778
Mexico		5259 5321
<i>Aschersonia</i> sp. 3014		<i>Paecilomyces</i> sp. 3772 3774 3775
Nepal		3777 3780 3781 3782 3783 3784
<i>Cladosporium</i> sp. 3706 3711		3785 3786 3787 3788

## Fungus by Host and Location

**Hemiptera: Aleyrodidae**  
**Hemiptera: Aphididae**

USA, Vermont	
<i>Beauveria bassiana</i> 5278 5279 5280	
<i>Dialeurodes ?citri</i>	
USA, Florida	
<i>Aschersonia aleyrodis</i> 341 342	
<i>Aschersonia goldiana</i> 343	
<i>Dialeurodes citri</i>	
Brazil, Paraná	
<i>Aschersonia</i> sp. 4424 4426 4430 4431 4432	
Indonesia, Yogyakarta, Java	
<i>Aschersonia</i> sp. 2351 2397 2398	
Japan	
<i>Aschersonia aleyrodis</i> 992	
<i>Aschersonia placenta</i> 7603	
Mexico	
Unidentified sp. 3304	
Philippines	
<i>Aschersonia</i> sp. 2357 2358	
<i>Aschersonia insperata</i> 2356 2396	
Republic of Georgia	
<i>Aschersonia aleyrodis</i> 9535	
<i>Singhiella simplex</i>	
USA, Florida	
<i>Purpureocillium lilacinum</i> 9610	
<i>Trialeurodes vaporariorum</i>	
<i>Isaria fumosorosea</i> 8716	
Argentina	
<i>Isaria fumosorosea</i> 6916 7051 7204 7205 8717 8718 8719 8720 8721 8723 8724 8725 8726 8727 8728 8729 8730 8928	
<i>Isaria javanica</i> 7477	
<i>Lecanicillium lecanii</i> 7207	
<i>Lecanicillium longisporum</i> 7206 7461	
<i>Lecanicillium muscarium</i> 7460	
Canada, Alberta	
<i>Beauveria bassiana</i> 6920 6921 6922 6923 6924	
Denmark	
<i>Lecanicillium lecanii(?)</i> 4060	
<i>Verticillium lecanii</i> 4061	
India	
<i>Purpureocillium lilacinum</i> 3846	
Kazakhstan	
<i>Beauveria bassiana</i> 9451	
Malaysia	
<i>Isaria farinosa</i> 4412	
<i>Isaria fumosorosea</i> 4205 4401 4404 4406 4407 4408 4409 4410 4411 4413 4414 4415	
<i>Mixed Culture</i> sp. 4403 4402	
Netherlands	
<i>Aschersonia aleyrodis</i> 2268	
Poland	
<i>Lecanicillium muscarium</i> 972	
Sweden	
923	
United Kingdom	
<i>Lecanicillium muscarium</i> 5128	
<i>Verticillium lecanii</i> 6544 6547	
USA, Florida	
<i>Isaria fumosorosea</i> 2658	

<b>Hemiptera: Anthocoridae</b>	
<i>Anthocoris nemorum</i>	
Denmark	
<i>Beauveria bassiana</i> 8028	
<b>Hemiptera: Aphididae</b>	
Argentina	
<i>Lecanicillium longisporum</i> 7457 7458 7459 7783 7784	
<i>Zoophthora radicans</i> 7455 7788 7789	
<i>Zoophthora</i> sp. 7454	
Australia	
<i>Pandora neoaphidis</i> 381	
Canada, Ontario	
<i>Verticillium lecanii</i> 5809	
Colombia	
<i>Isaria fumosorosea</i> 6789	
Commonwealth of Independent States	
<i>Conidiobolus thrombooides</i> 58 59 248 249 250	
Denmark	
<i>Lecanicillium lecanii(?)</i> 5581	
<i>Verticillium lecanii</i> 4073	
France	
<i>Beauveria bassiana</i> 3120	
<i>Beauveria pseudobassiana</i> 3121	
<i>Conidiobolus obscurus</i> 434	
Unidentified sp. 3122 3125	
India	
<i>Lecanicillium muscarium</i> 2659	
Israel	
<i>Pandora neoaphidis</i> 78	
Unidentified sp. 4214 4215	
Japan	
<i>Conidiobolus</i> sp. 999	
<i>Conidiobolus thrombooides</i> 1006	
Malaysia	
<i>Isaria fumosorosea</i> 4400	
Unidentified sp. 4204	
<i>Verticillium lecanii</i> 4416 4417 4418 4419 4420 4421 4422 4423 4453 4454 4455 4456 4457	
<i>Verticillium</i> sp. 4194 4195 4203 4398 4399	
Mexico	
<i>Lecanicillium lecanii</i> 6887	
<i>Lecanicillium longisporum</i> 8042	
Pakistan	
<i>Fusarium</i> sp. 3704 3707 3703 3705 3712	
Russian Federation	
<i>Lecanicillium psalliotae</i> 9474	
USA, California	
<i>Pandora neoaphidis</i> 6902	
USA, Florida	
<i>Isaria fumosorosea</i> 3682	
USA, Hawaii	
<i>Cladosporium cladosporioides(?)</i> 7033	
<i>Lecanicillium muscarium</i> 7034	
USA, Maine	
<i>Pandora nouryi</i> 199	
USA, New York	
<i>Beauveria bassiana</i> 4523 4524	
<i>Lecanicillium longisporum</i> 7923	
USA, Vermont	
<i>Lecanicillium evansii(?)</i> 11797	
Unidentified / Hyphomycetes 6503 6157 6158 6159 6507 6508 6509 6510 6511	
<i>Verticillium lecanii</i> 5166	
USSR	
Unidentified sp. 3894	
Venezuela	
<i>Lecanicillium longisporum</i> 974	
Yugoslavia	
<i>Conidiobolus</i> sp. 1426	
<i>Pandora neoaphidis</i> 1695	
Unidentified sp. 1693 1694	
Yugoslavia, Belgrade	
<i>Batkoia major</i> 1427	
<i>Erynia</i> sp. 2279	
<i>Pandora neoaphidis</i> 1696 2016 2298	
Acyrthosiphon kondoi	
Australia	
<i>Batkoia apiculata</i> 839	
<i>Conidiobolus obscurus</i> 354 824	
<i>Entomophthora chromaphidis</i> 1860 1862 1863	
<i>Pandora kondoiensis</i> 369 825 828 836 837	
<i>Pandora nouryi</i> 362	
Acyrthosiphon pisum	
Argentina	
<i>Zoophthora radicans</i> 11859	
Australia	
<i>Conidiobolus obscurus</i> 834	
<i>Pandora neoaphidis</i> 827 830 838	
Commonwealth of Independent States	
<i>Conidiobolus thrombooides</i> 100	
Denmark	
<i>Batkoia apiculata</i> 2504	
France	
<i>Pandora neoaphidis</i> 1598 1605 1609	
Laboratory manipulation	
<i>Conidiobolus obscurus</i> 832 1741	
<i>Pandora neoaphidis</i> 4934	
Russian Federation	
<i>Conidiobolus thrombooides</i> 6662	
Spain	
<i>Pandora neoaphidis</i> 1603	
Switzerland	
<i>Pandora neoaphidis</i> 7937	
Syria	
Unidentified / Zygomycetes 6119 6160	
United Kingdom	
<i>Conidiobolus coronatus</i> 1738	
USA, Idaho	
<i>Pandora neoaphidis</i> 3240 6631	
USA, Minnesota	
<i>Pandora neoaphidis</i> 11663	
USA, New York	
<i>Batkoia apiculata</i> 3130 3136 3140	
<i>Batkoia</i> sp. 3131	
<i>Conidiobolus obscurus</i> 3132 3133 3134 3135 3137 3138 3139 3141	
<i>Pandora neoaphidis</i> 2583 2584 2585 2587 2588 2589 2591 2592 2593 2594 2754 2755 2756 2757 2758 2760 2761 2762 2763 2766 2767	

2768 2769 2773 2781 2782 2783	Turkey	Laboratory manipulation
2784 2837 2838 2839 2840 2842	<i>Fusarium</i> sp. 5726 5727 5728	<i>Beauveria bassiana</i> 3215 3890 3891
2844 2845 2846 2847 2848 2851	United Kingdom	3892 3905 3906 3907 3908 4099
2852 2853 2854 2855 2856 2865	<i>Verticillium lecanii</i> 6541	4100 4101 4106 4107 4108 4109
2866 2867 2868 2870 2872 2873	USA, Pennsylvania	4110 4111 4112 4113 4114 4115
Zoophthora occidentalis 2841 3027	<i>Beauveria bassiana</i> 5493 5494	4116 4117 4118 4119 4120 4121
3028 3029 3071 3073	<i>Aphis rumicis</i>	<i>Isaria fumosorosea</i> 3824 4459 4460
USA, Washington	Switzerland	4461
Pandora neoaphidis 3234 3237	<i>Lecanicillium lecanii</i> 7530	<i>Lecanicillium lecanii(?)</i> 3882 3883
Yugoslavia, Voyvodina	<i>Brachycaudus amygdalinus</i>	3884
Pandora neoaphidis 2017 2018	Israel	<i>Lecanicillium muscarium</i> 3861
Anoecia corni	<i>Zoophthora radicans</i> 75	<i>Metarhizium anisopliae</i> sensu lato
Switzerland	<i>Brachycaudus helichrysi</i>	3822
Zoophthora aphidis 425	United Kingdom	<i>Verticillium lecanii</i> 3862 3881 3902
Aphidula sp.	<i>Verticillium lecanii</i> 6540	3903 3904 3909
France	Brevicoryne brassicae	<i>Zoophthora radicans</i> 3163
Pandora neoaphidis 1610 1615	Argentina	Lesotho
Aphis sp.	<i>Zoophthora radicans</i> 11861	<i>Isaria farinosa</i> 6609
Canada, Québec	Brazil, Paraná	South Africa
Conidiobolus obscurus 124	Sterile mycelium 4376	<i>Beauveria bassiana</i> 5705 6978 6979
Pandora neoaphidis 128	Denmark	6980
USA, Washington	<i>Pandora neoaphidis</i> 5371 5372 5373	<i>Conidiobolus thromboides</i> 4968
Pandora neoaphidis 3410	5374	<i>Fusarium</i> sp. 4969
Aphis armata	France	<i>Isaria farinosa</i> 6222 6983
France	<i>Pandora neoaphidis</i> 1613 1616 1617	<i>Lecanicillium lecanii</i> 5706
Conidiobolus obscurus 133 355	Japan	<i>Purpureocillium lilacinum</i> 6985
Aphis fabae	<i>Batkoia apiculata</i> 1146	Turkey
Argentina	United Kingdom	<i>Beauveria bassiana</i> 3154 3155 3156
Lecanicillium muscarium 7785	<i>Verticillium lecanii</i> 5131	3157 3158 3166 3167 3168 3169
Zoophthora radicans 7208	USA, New York	<i>Beauveria pseudobassiana</i> 3153
Denmark	<i>Cladosporium</i> sp. 4795	USA, Colorado
Pandora neoaphidis 5995	Yugoslavia	<i>Pandora neoaphidis</i> 3081 3082
France	<i>Lecanicillium lecanii</i> 1787	USA, Idaho
Pandora neoaphidis 1606 1611 1981	<i>Pandora neoaphidis</i> 1784 1785 1786	<i>Beauveria bassiana</i> 2861 2864 2879
1985	1824 1825 1826 1827 2124 2128	2882
India	Yugoslavia, Belgrade	<i>Lecanicillium muscarium</i> 2862 2877
Fusarium sp. 8277 8278 8287	<i>Conidiobolus</i> sp. 2130 2294	2878
Poland	<i>Pandora neoaphidis</i> 2108 2109 2110	Unidentified / Zygomycetes 4970
Conidiobolus thromboides 242 244	2112 2114 2115 2116 2117 2118	4971
245 246 247 630 631 632 633 634	2119 2120 2121 2122 2280 2293	USA, New York
635	<i>Zoophthora phalloides</i> 2281	<i>Beauveria bassiana</i> 4462 4463 4464
Pandora neoaphidis 608 609 610	Yugoslavia, Bosnia and Herzegovina	4691 4692 4693 4694 4695 4696
611 612 613 614 636 637 638 639	<i>Pandora neoaphidis</i> 2123	4697 4976 4977 4978 4979
United Kingdom	<i>Capitophorus</i> sp.	<i>Isaria fumosorosea</i> 4698 4699 4700
Conidiobolus thromboides 42 1735	France	4701 4702 4703 4704 4705 4706
USA, Washington	<i>Zoophthora radicans</i> 822	4707 4708 4709 4710 4711
Conidiobolus sp. 3383	Cavariella theobaldi	Unidentified / Hyphomycetes 4689
Pandora neoaphidis 3238 3241	United Kingdom	4690
Yugoslavia, Voyvodina	<i>Conidiobolus thromboides</i> 101 102	Diuraphis tritici
Pandora neoaphidis 2019 2020	363 1733 1734	USA, Montana
Unidentified / Zygomycetes 2022	Dactynotus formosanus	<i>Conidiobolus thromboides</i> 2914
Aphis glycines	Japan	Drepanosiphum aceris
USA, Minnesota	<i>Pandora neoaphidis</i> 1137	Switzerland
Conidiobolus thromboides 11664	Diuraphis noxia	<i>Zoophthora radicans</i> 914 1130
USA, New York	Canada, Alberta	Eriosoma lanigerum
Conidiobolus thromboides 7209	<i>Lecanicillium muscarium</i> 3000	South Africa
7210 7211	France	<i>Conidiobolus</i> sp. 6659
Pandora neoaphidis 7212 7213 7214	<i>Beauveria bassiana</i> 3867	<i>Hirsutella illustris</i> 5539
7226 8607	Isaria fumosorosea 4383	Hyalopterus pruni
Aphis gossypii	<i>Pandora neoaphidis</i> 3126 3174 3175	France
Brazil, Rio de Janeiro	Hungary	<i>Pandora neoaphidis</i> 1596
Cladosporium herbarum 4361	<i>Beauveria bassiana</i> 6968 6969	Hyperomyzus lactucae
India	<i>Beauveria bassiana(?)</i> 6608	Australia
Fusarium sp. 7233	<i>Verticillium lecanii</i> 6606	<i>Pandora neoaphidis</i> 829 835
Israel		Chile
Conidiobolus thromboides 83 194		<i>Pandora neoaphidis</i> 833

## Fungus by Host and Location

## Hemiptera: Aphididae

<i>Lipaphis erysimi</i>	<i>Myzus persicae</i>	<i>Pemphigus trehernei</i>
PR China	Argentina	United Kingdom
<i>Pandora nouri</i> 8930 8931	<i>Lecanicillium lecanii</i> 7462	<i>Metarhizium anisopliae</i> sensu lato
<i>Macrosiphoniella sanborni</i>	<i>Lecanicillium muscarium</i> 7782	6570
United Kingdom	Brazil, Paraná	<i>Metarhizium flavoviride</i> var. <i>pemphigum</i> 6569
<i>Lecanicillium longisporum</i> 5126	<i>Aspergillus clavatus</i> 4359	<i>Rhopalosiphum insertum</i>
<i>Verticillium lecanii</i> 6542	Commonwealth of Independent States	France
<i>Macrosiphum</i> sp.	<i>Conidiobolus thromboides</i> 63 99	<i>Conidiobolus thromboides</i> 73
France	Denmark	<i>Rhopalosiphum maidis</i>
<i>Pandora neoaphidis</i> 1607 1612	4078	USA, Montana
<i>Macrosiphum akebiae</i>	<i>Lecanicillium fusisporum</i> 5583	<i>Batkoia apiculata</i> 3088 3091
Japan	<i>Verticillium lecanii</i> 4075 4076 4077	<i>Conidiobolus obscurus</i> 3089 3090
<i>Pandora neoaphidis</i> 1134	4079	<i>Rhopalosiphum nymphaeae</i>
<i>Macrosiphum euphorbiae</i>	<i>Verticillium</i> sp. 4074	USA, Florida
USA, Idaho	India	<i>Lecanicillium longisporum</i> 321
<i>Lecanicillium muscarium</i> 2858	<i>Lecanicillium longisporum</i> 1026	<i>Rhopalosiphum padi</i>
USA, Maine	Location not specified	Denmark
<i>Batkoia apiculata</i> 174	<i>Isaria fumosorosea</i> 3458	<i>Batkoia apiculata</i> 5994
<i>Conidiobolus obscurus</i> 182	Portugal	<i>Conidiobolus obscurus</i> 5992
<i>Conidiobolus thromboides</i> 40	<i>Pandora neoaphidis</i> 1600	<i>Conidiobolus osmodes(?)</i> 5993
<i>Lecanicillium muscarium</i> 204	PR China	Hungary
<i>Pandora neoaphidis</i> 181	<i>Pandora neoaphidis</i> 11662	<i>Beauveria bassiana</i> 6970
<i>Zoophthora occidentalis</i> 207	Spain	Japan
Yugoslavia, Belgrade	<i>Pandora neoaphidis</i> 2085 2086	<i>Conidiobolus obscurus</i> 1131
<i>Erynia</i> sp. 2292	United Kingdom	South Africa
<i>Macrosiphum rosae</i>	<i>Verticillium lecanii</i> 5130 6543	<i>Cladosporium</i> sp. 11866 11865 3374
France	USA, Arkansas	USA, Colorado
<i>Pandora neoaphidis</i> 1986 1987	<i>Pandora neoaphidis</i> 3248 3249 3250	<i>Batkoia apiculata</i> 3080
<i>Metopolophium dirhodum</i>	3251	USA, Idaho
France	USA, California	<i>Fusarium</i> sp. 2337
<i>Conidiobolus obscurus</i> 97	<i>Lecanicillium muscarium</i> 3324	<i>Schizaphis graminum</i>
South Africa	USA, Florida	Canada, Alberta
<i>Pandora neoaphidis</i> 5707 5708	<i>Conidiobolus thromboides</i> 39	<i>Conidiobolus thromboides</i> 2955
USA, Idaho	USA, Maine	USA, Idaho
<i>Conidiobolus coronatus</i> 2812 2813	<i>Batkoia apiculata</i> 129	<i>Beauveria bassiana</i> 2336 2860 2880
2814	<i>Conidiobolus thromboides</i> 2 41 57	2881 2883
<i>Conidiobolus thromboides</i> 2828	USA, New York	<i>Pandora neoaphidis</i> 3366
2829 2849 2850	<i>Lecanicillium muscarium</i> 8714	USA, Michigan
<i>Pandora neoaphidis</i> 2874 2875 2876	USA, Washington	<i>Conidiobolus</i> sp. 1967
3365 3367	<i>Beauveria bassiana</i> 3385	<i>Sitobion</i> sp.
Unidentified sp. 3368	<i>Conidiobolus</i> sp. 3384	<i>Pandora neoaphidis</i> 1597
<i>Zoophthora radicans</i> 2811	<i>Lecanicillium lecanii</i> 3387	France
USA, Montana	USA, Wisconsin	<i>Pandora neoaphidis</i> 1604
<i>Conidiobolus obscurus</i> 3092	<i>Conidiobolus thromboides</i> 649	<i>Sitobion avenae</i>
<i>Microlophium carnosum</i>	<i>Myzus rannaculinum</i>	Denmark
Switzerland	France	<i>Pandora neoaphidis</i> 5403 6166
<i>Pandora neoaphidis</i> 7938 7939	<i>Zoophthora phalloides</i> 352	USA, Idaho
<i>Myzus</i> sp.	<i>Nasonovia ribisnigri</i>	<i>Fusarium</i> sp. 2333
Spain	Argentina	<i>Lecanicillium muscarium</i> 2334
<i>Pandora neoaphidis</i> 1601 1602	<i>Pandora neoaphidis</i> 11862 11863	<i>Lecanicillium psalliotae</i> 2332
<i>Myzus nr. persicae</i>	<i>Zoophthora radicans</i> 11860	<i>Stachybotrys</i> sp. 2863
France	<i>Ovatus crataegarius</i>	<i>Verticillium lecanii</i> 2859
<i>Lecanicillium aphanocladii</i> 2324	Denmark	<i>Theroaphis maculata</i>
<i>Lecanicillium muscarium</i> 2323 2325	<i>Entomophthora planchoniana</i> 6251	Australia
2326	6252	<i>Zoophthora radicans</i> 359 370 823
<i>Myzus ascalonicus</i>	<i>Pemphigus</i> sp.	Israel
France	United Kingdom	<i>Zoophthora radicans</i> 103 104 105
<i>Batkoia apiculata</i> 67	<i>Metarhizium flavoviride</i> var. <i>pemphigum</i> 7491	106 107 108 109 110 111 112 114
<i>Myzus cerasi</i>	<i>Pemphigus betae</i>	139
Norway	USA, Arizona	Mexico
<i>Lecanicillium lecanii</i> 6915	<i>Cladosporium cladosporioides</i> 3463	<i>Zoophthora radicans</i> 379
<i>Lecanicillium muscarium</i> 6914	<i>Lecanicillium muscarium</i> 3464	USA
<i>Myzus nicotinae</i>		<i>Pandora nouri</i> 366
USA, Kentucky		USA, California
<i>Pandora neoaphidis</i> 3411 3412 3459		<i>Conidiobolus obscurus</i> 74
Unidentified sp. 3239		

<i>Conidiobolus thrombooides</i> 15 29 115 208	<i>Trichoderma viride(?)</i> 6344 Unidentified sp. 6370	<i>Prosapia plagiata</i> Costa Rica Sterile mycelium 4712
USA, Illinois <i>Erynia</i> sp. 1666	Trinidad and Tobago <i>Metarhizium anisopliae</i> sensu stricto 3621	<i>Prosapia simulans</i> Costa Rica Unidentified sp. 3536
USA, New York <i>Zoophthora radicans</i> 237 238 239	<i>Deois</i> sp. Brazil, Mato Grosso <i>Conidiobolus</i> sp. 2147	<i>Zulia carbonaria</i> Colombia <i>Beauveria bassiana</i> 6459 <i>Curvularia</i> sp. 6367 6465 <i>Metarhizium anisopliae</i> sensu lato 6457 6468 <i>Paecilomyces crustaceus(?)</i> 6462 6467 <i>Paecilomyces lilacinus(?)</i> 6458 Unidentified sp. 6463 6466
<i>Theroaphis trifolii</i> f. <i>maculata</i> Israel <i>Zoophthora radicans</i> 3737	Brazil, Paraná <i>Metarhizium anisopliae</i> sensu lato 2521	<i>Zulia colombiana</i> Colombia <i>Fusarium oxysporum(?)</i> 6355 <i>Fusarium</i> sp. 6348 6351 6352 6353 6354 6358 <i>Metarhizium anisopliae</i> sensu lato 6356 <i>Penicillium</i> sp. 6357 6359
<i>Toxoptera aurantii</i> Colombia <i>Fusarium</i> sp. 6790	<i>Deois flavopicta</i> Brazil <i>Metarhizium anisopliae</i> sensu stricto 2517	<i>Zulia enteriana</i> Brazil, Mato Grosso <i>Beauveria bassiana</i> 3019 <i>Purpureocillium lilacinum</i> 3481
<i>Toxoptera citricida</i> Argentina <i>Lecanicillium longisporum</i> 2460 <i>Lecanicillium</i> sp. 2009	Brazil, Bahia <i>Metarhizium anisopliae</i> sensu stricto 1900	<i>Zulia pubescens</i> Colombia <i>Fusarium</i> sp. 6320 6375 6576 <i>Metarhizium anisopliae</i> sensu lato 6323 <i>Metarhizium anisopliae</i> sensu stricto 6317 6318 <i>Purpureocillium lilacinum</i> 6340
<i>Uroleucon</i> sp. Canada, Québec <i>Conidiobolus obscurus</i> 121 122 <i>Conidiobolus thrombooides</i> 120	Brazil, Espírito Santo <i>Metarhizium anisopliae</i> sensu lato 925	<i>Zulia vilter costarricensis</i> Costa Rica <i>Mucor</i> sp. 3535
<i>Uroleucon ambrosiae</i> Mexico <i>Lecanicillium lecanii</i> 6886	<i>Metarhizium anisopliae</i> sensu stricto 1044	<b>Hemiptera: Cicadellidae</b>
<i>Uroleucon formosanus</i> Japan <i>Pandora neoaphidis</i> 993	Brazil, Goiás <i>Beauveria bassiana</i> 806 <i>Metarhizium anisopliae</i> sensu lato 729 759 782 955 1970 <i>Purpureocillium lilacinum</i> 2078	<i>Batkoia apiculata</i> 5552
<b>Hemiptera: Cercopidae</b>	<i>Deois incompleta</i> Brazil, Pará <i>Metarhizium anisopliae</i> sensu lato 1449	Brazil, Goiás <i>Entomophaga australiensis</i> 743 <i>Pandora delphacis</i> 1238 1936 <i>Zoophthora radicans</i> 1495 1587 1591 2196
Argentina <i>Metarhizium anisopliae</i> sensu lato 7474 7475 7476 8376 8527	<i>Kanaima fluvialis</i> Argentina <i>Metarhizium anisopliae</i> sensu lato 8377	Brazil, Mato Grosso <i>Beauveria bassiana</i> 945
Brazil <i>Metarhizium anisopliae</i> sensu lato 1899 1902 1911 3147 8498	<i>Mahanarva andigena</i> Colombia <i>Fusarium</i> sp. 6460 6461 6464	Brazil, Paraná <i>Zoophthora radicans</i> 1239
Brazil, Bahia <i>Metarhizium anisopliae</i> sensu lato 1282 1299 1379 1382	<i>Mahanarva fimbriolata</i> Brazil, São Paulo <i>Metarhizium anisopliae</i> sensu stricto 7979 7981	Brazil, São Paulo <i>Metarhizium flavoviride</i> 'Type E' 2948
<i>Metarhizium anisopliae</i> sensu stricto 1045	<i>Mahanarva posticata</i> Brazil, Bahia <i>Metarhizium anisopliae</i> sensu lato 1896 1898	India Sterile mycelium 3702
Brazil, Pará <i>Metarhizium anisopliae</i> sensu lato 1890 1891 1895	<i>Metarhizium anisopliae</i> sensu stricto 1894	Japan <i>Zoophthora radicans</i> 1263
Ghana <i>Pseudogibellula formicarum</i> 2913	Brazil, Pernambuco <i>Metarhizium anisopliae</i> sensu stricto 2627 7980	Philippines <i>Conidiobolus coronatus</i> 419 421 422 <i>Hirsutella guyana</i> 2352 2387 <i>Metarhizium album</i> 2081 <i>Metarhizium flavoviride</i> var. <i>minus</i> 2339 <i>Metarhizium</i> sp. 2353
Mexico <i>Metarhizium anisopliae</i> sensu lato 3307	<i>Mahanarva</i> sp. Colombia <i>Metarhizium anisopliae</i> sensu lato 6321 6322	PR China <i>Cordyceps</i> sp. 6349
<i>Metarhizium anisopliae</i> sensu stricto 1912	<i>Prosapia nr. bicincta</i> Costa Rica <i>Fusarium</i> sp. 4713 4714 4715	<i>Metarhizium</i> sp. 2353 <i>Cordyceps</i> sp. 6281
PR China <i>Cordyceps</i> sp. 6349		
Switzerland <i>Conidiobolus</i> sp. 391		
USA, New York <i>Zoophthora radicans</i> 800		
<i>Aeneolamia postica</i> Costa Rica <i>Fusarium</i> sp. 3345		
<i>Aeneolamia varia</i> Colombia <i>Aspergillus</i> sp. 6369 6372		
<i>Metarhizium anisopliae</i> sensu lato 6319 6342 6343 6345 6346		
<i>Metarhizium anisopliae</i> sensu stricto 798 6347		

## Fungus by Host and Location

**Hemiptera: Cicadellidae**

**Hemiptera: Cicadidae**

Russian Federation	Brazil, Goiás	<i>Nephrotettix cincticeps</i>
<i>Beauveria bassiana</i> 7590 9443	<i>Entomophaga</i> sp. 1230 1625	Japan
<i>Purpureocillium lilacinum</i> 9523	<i>Zoophthora radicans</i> 789 790 1492	<i>Beauveria bassiana</i> 1098
USA, Hawaii	1493 1494 1496 1497 1498 1499	Philippines
<i>Beauveria bassiana</i> 8710 8711	1500 1501 1502 1503 1504 1541	<i>Metarhizium pingshaense</i> 2043
<i>Cladosporium</i> sp. 7039	1542 1543 1544 1581 1582 1583	<i>Pandora delphacis</i> 458 459 460 461
<i>Lecanicillium muscarium</i> 7037	1584 1585 1586 1588 1589 1590	478
<i>Sporothrix</i> sp. 7038	1593 1594 1595 1928 1929 1930	
USA, Illinois	1931 1932 1933 1934 1935 1937	<i>Nephrotettix virescens</i>
<i>Zoophthora radicans</i> 2549 2551	Brazil, Rio Grande do Norte	Indonesia, Jawa Barat, Java
2552	<i>Entomophaga australiensis</i> 791	<i>Metarhizium pingshaense</i> 2106
<i>Balacha melanocephala</i>	<i>Hirsutella guyana</i> 878 879 881 882	Indonesia, Sulawesi Selatan, Celebes
Argentina	883	<i>Metarhizium anisopliae</i> sensu stricto 2153
<i>Beauveria bassiana</i> 7464 7465 7467	Brazil, Rio Grande do Sul	Philippines
7469 8370 8459 8460 8528 8529	<i>Zoophthora radicans</i> 1227	<i>Hirsutella strigosa</i> 2197
<i>Cicadella</i> sp.	Brazil, Santa Catarina	<i>Metarhizium album</i> 1840 1941 1942
Australia	<i>Zoophthora radicans</i> 1228 1229	1943 2176 2178
<i>Entomophaga australiensis</i> 328	1231 1232 1233 1234 1236 1237	<i>Metarhizium flavoviride</i> var. <i>minus</i>
<i>Cofana spectra</i>	Brazil, São Paulo	1945
Indonesia, Sulawesi Utara, Celebes	<i>Zoophthora radicans</i> 2994 2995	<i>Oncometopia tucumana</i>
<i>Metarhizium album</i> 2082	2996 3002 3003 3004 3005 3006	Argentina
<i>Empoasca</i> sp.	3007 3008 3009 3010 3011 3012	<i>Clonostachys rosea</i> 7200
Israel	3013	<i>Paviloma victimaria</i>
<i>Zoophthora radicans</i> 3623	<i>Empoasca vitis</i>	Argentina
Yugoslavia	Laboratory manipulation	<i>Beauveria bassiana</i> 8371
<i>Zoophthora radicans</i> 2282 2283	<i>Entomophaga praxibuli</i> 3058	<i>Recilia dorsalis</i>
2284 2285 2288 2289	<i>Zoophthora radicans</i> 3151 3172	Philippines
Yugoslavia, Belgrade	Location not specified	<i>Metarhizium album</i> 2179
<i>Zoophthora radicans</i> 2241 2242	<i>Zoophthora radicans</i> 3162	<i>Metarhizium anisopliae</i> sensu lato
2243 2244 2245 2246 2246 2287	Yugoslavia	543
<i>Empoasca fabae</i>	<i>Zoophthora radicans</i> 2703 2709	<i>Metarhizium flavoviride</i> var. <i>minus</i>
Laboratory manipulation	2712 3114 3116	1546 1547
<i>Zoophthora radicans</i> 3355	Yugoslavia, Belgrade	Unidentified / Hyphomycetes 2177
Location not specified	<i>Zoophthora radicans</i> 2696 2700	PR China
<i>Zoophthora radicans</i> 2400	2701 2702 2706 2708 2713 3119	<i>Paecilomyces</i> sp. 680
USA, Illinois	3149 3150 3159 3160 3164 3165	<i>Pandora delphacis</i> 659 660
<i>Zoophthora radicans</i> 1938 2550	<i>Hauptida distinguenda</i>	<i>Sonesimia grossa</i>
2716 2717 2718 2719 2720 3283	France	Argentina
3284	<i>Zoophthora radicans</i> 2256 2257	<i>Clonostachys rosea</i> 7472
USA, Michigan	2258 2259 2260 2261 2262	<i>Typhlocyba</i> sp.
<i>Zoophthora radicans</i> 2977 2978	<i>Idiocerus nitidulus</i>	Yugoslavia
2979 2980	Malaysia	<i>Zoophthora radicans</i> 3115
USA, New York	<i>Hirsutella versicolor</i> 4512	Yugoslavia, Belgrade
<i>Batkoia major</i> 2936 3102 3103	<i>Idioscopus clypealis</i>	<i>Zoophthora radicans</i> 3170 3171
<i>Conidiobolus coronatus</i> 3099 3109	Philippines	<b>Hemiptera: Cicadidae</b>
<i>Conidiobolus thrombooides</i> 3129	<i>Hirsutella verticillioides</i> 2599	Argentina
<i>Pandora delphacis</i> 3072 3093 3094	<i>Molopopterus theae</i>	<i>Metarhizium robertsii</i> 3925
3095 3096 3106 3107	South Africa	Brazil
Unidentified sp. 3128	<i>Beauveria bassiana</i> 6982	<i>Metarhizium anisopliae</i> sensu lato
<i>Zoophthora radicans</i> 3104 3105	<i>Zoophthora radicans</i> 6605	4095
3376 3377 3390 4520	<i>Nephrotettix bipunctata cincticeps</i>	Japan
USA, Wisconsin	Indonesia, Sulawesi Selatan, Celebes	<i>Beauveria bassiana</i> 7256 7258
<i>Zoophthora radicans</i> 1018 1019	<i>Conidiobolus coronatus</i> 597	Mexico
1020 1021 1261 1262	<i>Conidiobolus</i> sp. 605 606	<i>Beauveria bassiana</i> 2544
<i>Empoasca fabae</i>	Japan	PR China
Laboratory manipulation	<i>Beauveria bassiana</i> 1553 1554 1555	<i>Beauveria bassiana</i> 11712
<i>Zoophthora radicans</i> 3697	1556	<i>Purpureocillium lilacinum</i> 6247
<i>Empoasca kraemerii</i>	Malaysia	Russian Federation
Brazil	<i>Conidiobolus coronatus</i> 520	<i>Metarhizium</i> sp. 7645
<i>Trichoderma</i> sp. 807	Philippines	<i>Cicadetta puer</i>
<i>Zoophthora radicans</i> 3026	<i>Entomophaga</i> sp. 1126	Australia
Brazil, Ceará	PR China	<i>Ophiocordyceps heteropoda</i> 1880
<i>Hirsutella guyana</i> 2993	<i>Beauveria amorphia</i> 656	<i>Entomophaga australiensis</i> 331 365
<i>Hirsutella</i> sp. 2644 2645 2646 2647	<i>Beauveria bassiana</i> 708	<i>Cryptotympana facialis</i>
2648 2649 2650 2651 2652 2653	<i>Beauveria brongniartii</i> 678	Republic of China
2654 2655 2656 2657 2992	<i>Trichothecium</i> sp. 653	<i>Nomuraea viridulus</i> 6927

**Hemiptera: Cicadidae**  
**Hemiptera: Delphacidae**

**Fungus by Host and Location**

<i>Magicicada septendecim</i>	12064	12065	12066	12067	12068	India
USA, Maryland	12069	12070	12071	12080	12081	<i>Conidiobolus</i> nr. <i>coronatus</i> 1742
<i>Beauveria brongniartii</i> 7376	12082					1743
USA, New York						<i>Conidiobolus</i> sp. 211
<i>Massospora cicadina</i> 374						<i>Fusarium moniliforme</i> var. <i>intermedium</i> 3223
<i>Mogannia hebes</i>						<i>Metarhizium anisopliae</i> sensu lato
Republic of China						1726 1727 1728 1744 1745 1823
<i>Isaria sinclairii</i> 6925						<i>Metarhizium pingshaense</i> 1724
<i>Pomponia linearis</i>						1725 1729
Republic of China						<i>Pandora delphacis</i> 1730 1731
<i>Nomuraea cylindrospora</i> 6926						Indonesia, Jawa Barat, Java
<b>Hemiptera: Cixiidae</b>						2146
<i>Myndus crudus</i>						<i>Beauveria bassiana</i> 2427
USA, Florida						<i>Conidiobolus coronatus</i> 1876
<i>Hirsutella citriformis</i> 1035 1446						<i>Conidiobolus</i> nr. <i>coronatus</i> 598
<i>Oliarus dimidiatus</i>						<i>Hirsutella citriformis</i> 1917 1918
Argentina						1919 2099 2100 2101 2102 2103
<i>Beauveria bassiana</i> 7776						2420 2422 2423 2426
<i>Conidiobolus</i> sp. 7786 8378						<i>Metarhizium anisopliae</i> sensu stricto 2080 2421
<b>Hemiptera: Coccidae</b>						<i>Pandora delphacis</i> 2091
Brazil, São Paulo						Indonesia, Jawa Tengah, Java
<i>Aschersonia</i> sp. 10276						<i>Hirsutella citriformis</i> 2346
Ecuador						Indonesia, Lampung, Sumatra
<i>Verticillium lecanii</i> 2916						<i>Hirsutella citriformis</i> 532
Mexico						Indonesia, Lombok Island
<i>Lecanicillium lecanii</i> 6888						<i>Pandora delphacis</i> 575 579
Republic of Korea						Indonesia, Sulawesi Selatan, Celebes
<i>Beauveria bassiana</i> 6723						<i>Conidiobolus coronatus</i> 563 565
Sri Lanka						<i>Conidiobolus</i> sp. 564
<i>Fusarium</i> sp. 1828						<i>Metarhizium pingshaense</i> 576
Ukraine						Indonesia, Sumatera Selatan, Sumatra
<i>Isaria farinosa</i> 9513						<i>Hirsutella</i> sp. 568
USA, Hawaii						Indonesia, Sumatera Utara, Sumatra
<i>Acremonium</i> (?) sp. 7036 7035						<i>Entomophaga australiensis</i> 581
<i>Ceroplastes</i> sp.						<i>Pandora delphacis</i> 580
Colombia						Indonesia, Yogyakarta, Java
<i>Lecanicillium lecanii</i> 6791						<i>Conidiobolus</i> nr. <i>coronatus</i> 599 600
USA, Mississippi						<i>Conidiobolus</i> sp. 595 596
<i>Lecanicillium muscarium</i> 7375						<i>Hirsutella citriformis</i> 591
<i>Coccus hesperidium</i>						Japan
Iran						<i>Conidiobolus coronatus</i> 997
<i>Lecanicillium lecanii</i> (?) 6289						<i>Pandora delphacis</i> 134 1124 1132
<i>Coccus viridis</i>						1133 1264 1268
Colombia						<i>Zoophthora radicans</i> 1125 1136
<i>Lecanicillium muscarium</i> 6792						Malaysia
India						<i>Conidiobolus coronatus</i> 512 514 523
<i>Fusarium</i> sp. 2232						524
Indonesia, Java						<i>Conidiobolus</i> sp. 517 522
<i>Lecanicillium lecanii</i> 2149 2150						Philippines
Indonesia, Jawa Barat, Java						<i>Conidiobolus coronatus</i> 405 406 418
<i>Verticillium lecanii</i> 5153						511
Sri Lanka						<i>Hirsutella citriformis</i> 490 684 1036
<i>Lecanicillium muscarium</i> 1774						1062 1063 1064 1243 1244 1245
<i>Neolecanium cornuparvum</i>						1246 1249 1251 1252 1253 1254
USA, Vermont						1255 1256 1257 1258 1259 1436
<i>Colletotrichum</i> sp. 10308						1549 1550
<i>Parthenolecanium</i> sp.						<i>Hirsutella</i> sp. 1096
Turkey						<i>Hirsutella strigosa</i> 2044
<i>Lecanicillium muscarium</i> 11736						<i>Isaria fumosorosea</i> 2198
USA, Rhode Island						<i>Metarhizium anisopliae</i> sensu lato
<i>Colletotrichum</i> sp. 12083 12072						456 457 485 486 487 488 489 1284
12073 12074 12075 12076 12077						1285 1286 1290 1300 1304
12078 12079 12084 12052 12053						<i>Metarhizium brunneum</i> 455
12054 12055 12056 12057 12058						
12059 12060 12061 12062 12063						
<b>Hemiptera: Coreidae</b>						
<i>Leptoglossus fulvicornis</i>						
USA, Florida						
<i>Beauveria bassiana</i> 3086						
<b>Hemiptera: Cydnidae</b>						
<i>?Cirtonemus</i> sp.						
Brazil, Goiás						
<i>Metarhizium robertsii</i> 1952						
<i>Scaptorex castanea</i>						
Brazil, Goiás						
<i>Metarhizium pingshaense</i> 1448						
<b>Hemiptera: Delphacidae</b>						
Indonesia, Jawa Barat, Java						
<i>Hirsutella citriformis</i> 2428						
USA, Hawaii						
<i>Beauveria kipukae</i> 7032						
<i>Sporothrix</i> sp. 7042						
<i>Delphacodes haywardii</i>						
Argentina						
<i>Conidiobolus coronatus</i> 7203						
<i>Delphacodes kuscheli</i>						
Argentina						
<i>Aphanocladium</i> sp. 8457 8458						
<i>Lecanicillium muscarium</i> 7781						
<i>Delphacodes striatella</i>						
Japan						
<i>Zoophthora radicans</i> 1050						
<i>Nilaparvata lugens</i>						
Australia						
<i>Conidiobolus coronatus</i> 349						

## Fungus by Host and Location

**Hemiptera: Delphacidae**  
**Hemiptera: Miridae**

<b>Metarhizium flavoviride</b> var. <i>minus</i>	USA, Connecticut	<b>Blissus leucopterus</b>
1099 1271 1272 1273 1274 1275	<i>Lecanicillium lecanii(?)</i> 11815	USA, Kansas
1276 1277 1279 1283 1287 1288	<i>Metarhiziopsis microspora</i> 8676	<i>Beauveria bassiana</i> 792 2430
1289 1291 1292 1293 1294 1295	11843	<i>Nysius vinitor</i>
1296 1297 1301 1302 1303 1305	<i>Myriangium</i> sp. 11852 11853	Australia
2037	<i>Myriodontium keratinophilum</i> 11837	<i>Beauveria bassiana</i> 300
PR China	USA, Massachusetts	<i>Scolopostethus affinis</i>
<i>Beauveria bassiana</i> 654 679 709 714	<i>Metarhiziopsis microspora</i> 8984	Denmark
717 719	8985	<i>Beauveria bassiana</i> 8027
<i>Conidiobolus coronatus</i> 655	USA, New Hampshire	<b>Hemiptera: Margarodidae</b>
<i>Conidiobolus lachnoides</i> 700	<i>Metarhiziopsis microspora</i> 11851	<i>Icerya aegyptica</i>
<i>Fusarium</i> sp. 687	USA, New York	Egypt
<i>Pandora delphacis</i> 657 664 665 666	<i>Colletotrichum fioriniae</i> 10219	<i>Lecanicillium psalliotae</i> 6581 6582
667 668 669 670 672 673 674 676	10220 10221 10222 10223	<i>Icerya purchasi</i>
682 686 698 713 716	<i>Metarhiziopsis microspora</i> 8986	Egypt
<i>Zoophthora radicans</i> 685	8987 8988 11842	<i>Gliocladium(?)</i> sp. 6579 6583 6580
Republic of Korea	<i>Myriangium</i> sp. 11854 11855	Sri Lanka
<i>Fusarium semitectum</i> 2053	<i>Myriangium duriaeae</i> 8924 8925	<i>Lecanicillium muscarium</i> 1033
<i>Hirsutella repens</i> 2348 2359 2394	<b>Lepidosaphes</b> sp.	<b>Hemiptera: Membracidae</b>
<i>Metarhizium anisopliae</i> sensu lato	Indonesia, Jawa Barat, Java	Brazil, Bahia
2038 2039	<i>Fusarium coccophilum</i> 2098	<i>Beauveria bassiana</i> 3999
<i>Torrubilla homopterorum</i> 2045	<b>Lopholeucaspis japonica</b>	Unidentified sp. 4000
Solomon Islands	Republic of Georgia	Brazil, Pará
<i>Calcarisporium ovalisporum</i> 1907	<i>Fusarium</i> sp. 6225	<i>Hirsutella versicolor</i> 1034
<i>Entomophaga</i> sp. 1881	<b>Melanaspis</b> <i>glomerata</i>	Brazil, Rondônia
<i>Hirsutella citriformis</i> 1913	India	<i>Hirsutella versicolor</i> 1037
<i>Metarhizium flavoviride</i> var. <i>minus</i>	<i>Fusarium moniliforme</i> 2074	Mexico
1763 1764 1765 1766 1767 1768	<b>Melanaspis obscura</b>	<i>Beauveria bassiana</i> 3312
1769 1770 1771 1772 1773	USA, District of Columbia	Papua New Guinea
<i>Sporothrix</i> sp. 1908	<i>Fusarium coccophilum</i> 821	<i>Beauveria</i> sp. 2164
Sri Lanka	<b>Nuculaspis</b> <i>tsugae</i>	<i>Ceresa bubalus</i>
<i>Hirsutella citriformis</i> 1837	Japan	India
Thailand	<i>Hirsutella</i> sp. 1668	<i>Fusarium</i> sp. 8279
<i>Conidiobolus coronatus</i> 525 528	<b>Unaspis</b> <i>citri</i>	<i>Gargara</i> sp.
<i>Tilletiopsis</i> sp. 527 572 573	USA, Florida	Canada, Québec
Vietnam	<i>Trichoderma</i> sp. 3084	<i>Conidiobolus</i> sp. 5405 5406
<i>Beauveria bassiana</i> 7592	<b>Hemiptera: Eriococcidae</b>	USA, Vermont
<i>Metarhizium anisopliae</i> sensu lato	<i>Cryptococcus fagisuga</i>	<i>Conidiobolus</i> sp. 5404
7644	United Kingdom	<b>Kronides</b> sp.
<i>Sogatella furcifera</i>	<i>Lecanicillium muscarium</i> 3740	Argentina
India	<i>Verticillium lecanii</i> 3741 3742 3743	<i>Beauveria bassiana</i> 7468
<i>Aspergillus</i> sp. 8519 8282 8283 8285	<b>Hemiptera: Flatidae ?</b>	<i>Spissistilus festinus</i>
Indonesia, Jawa Barat, Java	Australia	USA, Alabama
<i>Pandora delphacis</i> 2092 2093 2095	<i>Pseudogibellula formicarum</i> 5765	<i>Pandora delphacis</i> 2028
2096 2409	5766	USA, Arkansas
Indonesia, Sulawesi Selatan, Celebes	<b>Hemiptera: Jassidae</b>	<i>Pandora delphacis</i> 3484
<i>Conidiobolus</i> nr. <i>coronatus</i> 602	Location not specified	USA, California
<i>Conidiobolus</i> sp. 604	<i>Sporodiniella umbellata</i> 5222	<i>Beauveria bassiana</i> 8318
<i>Nomuraea rileyi</i> 558	<b>Hemiptera: Lecaniidae</b>	<b>Hemiptera: Mesovelidiidae</b>
<i>Pandora delphacis</i> 593 603	<i>Lecanium viridis</i>	<i>Mesovelia mulsanti</i>
PR China	Sri Lanka	USA, Florida
<i>Pandora delphacis</i> 6538 6539	<i>Lecanicillium lecanii</i> 555	<i>Beauveria bassiana</i> 320
<i>Sogatodes pusanus</i>	<b>Hemiptera: Lophopidae</b>	<b>Hemiptera: Miridae</b>
Indonesia, Jawa Barat, Java	<i>Pyrilla perpusilla</i>	Costa Rica
<i>Pandora delphacis</i> 2094	India	<i>Beauveria bassiana</i> 3449 3454 3456
<b>Hemiptera: Derbidae</b>	<i>Fusarium subglutinans</i> 2143 2144	Indonesia, Jawa Barat, Java
<i>Lydda</i> sp.	<b>Hemiptera: Lygaeidae</b>	2132
Tanzania	Kazakhstan	South Africa
<i>Hirsutella</i> sp. 4515	<i>Isaria farinosa</i> 6496	<i>Isaria farinosa</i> 6607
<b>Hemiptera: Diaspididae</b>	USA, Hawaii	USA, New York
<i>Aonidiella aurantii</i>	<i>Beauveria bassiana</i> 8706	<i>Pandora delphacis</i> 3062
Mexico		
<i>Aschersonia turbinata</i> 11868 11869		
<i>Fiorinia externa</i>		
Unidentified / Hyphomycetes 7067		

<i>Adelphocoris</i> sp.	USA, New York <i>Beauveria bassiana</i> 5808	Unidentified / Hyphomycetes 5698
Austria	USA, Vermont Unidentified / Hyphomycetes 6504	<i>Aelia</i> sp. Kazakhstan <i>Isaria farinosa</i> 6493 6497 <i>Verticillium</i> sp. 6500
<i>Beauveria bassiana</i> 1533 1534 1535 1536 1537 1538 1539 1540 1635 1636 1637 1638 1640 1643	<i>Lygus pratensis</i> France <i>Beauveria bassiana</i> 2461	Turkey <i>Cylindrocarpon</i> sp. 5758
<i>Fusarium</i> sp. 1641	<i>Notostira elongata</i> Denmark <i>Beauveria bassiana</i> 8029 8030	Uzbekistan <i>Beauveria bassiana</i> 6093 <i>Isaria farinosa</i> 6097 6098
<i>Trichothecium roseum</i> 1639 1642	Switzerland <i>Furia virescens</i> 394 <i>Zooplthora anglica</i> 916 926	<i>Dolycorus</i> sp. Turkey <i>Aspergillus niger</i> 6407 <i>Aspergillus</i> sp. 6405 6406 6408 <i>Beauveria bassiana</i> 6404 6426 <i>Fusarium</i> sp. 6411
France	<i>Stenodema laevigatum</i> Denmark <i>Beauveria bassiana</i> 8026	<i>Edessa meditabunda</i> West Indies <i>Purpureocillium lilacinum</i> 10225
<i>Beauveria bassiana</i> 1516 1517 1523 1524 1650 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800 1801	<b>Hemiptera: Nabidae</b> <i>Nabis</i> sp. Austria <i>Beauveria bassiana</i> 1988	<i>Euschistus heros</i> Brazil, Goiás <i>Beauveria bassiana</i> 1478
Italy	<b>Hemiptera: Ortheziidae</b> <i>Orthezia insignis</i> Brazil Unidentified / Hyphomycetes 7383	<i>Halymorpha halys</i> USA, New Jersey <i>Fusarium</i> sp. 10311 10312 10313 10388 10389 10390 10391 11655 10309 10310 Unidentified / Hyphomycetes 10386 10387 10392
<i>Beauveria bassiana</i> 1525 1526 1527 1528 1529 1531	<i>Orthezia praelonga</i> Brazil, Espírito Santo <i>Penicillium</i> sp. 2643	<i>Nezara viridula</i> Argentina <i>Beauveria bassiana</i> 2011 2457 2516
<i>Beauveria</i> sp. 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1213 1214 1215 1216 1218 1219 1220 1221 1222 1224 1307	Brazil, Rio de Janeiro <i>Colletotrichum gloeosporioides</i> 4360	Brazil <i>Beauveria bassiana</i> 4092 4093
<i>Isaria fumosorosea</i> 1530 1532	<i>Orthezia urticae</i> Russian Federation <i>Lecanicillium</i> sp. 9466	Brazil, Paraná <i>Beauveria bassiana</i> 1054 <i>Metarrhizium anisopliae</i> sensu lato 1055
<i>Trichothecium roseum</i> 1212 1226 1308	<b>Hemiptera: Pentatomidae</b> Austria <i>Beauveria bassiana</i> 1973 1974	Brazil, Santa Catarina <i>Beauveria bassiana</i> 1474
<i>Trichothecium</i> sp. 1217 1223	Brazil, Amazonas <i>Metarrhizium anisopliae</i> sensu stricto 755	Brazil, São Paulo <i>Paecilomyces</i> sp. 3101
<i>Cyrtorhinus lividipennis</i>	Brazil, Goiás <i>Beauveria bassiana</i> 737	India <i>Aspergillus</i> sp. 8280
Philippines	Brazil, Mato Grosso <i>Beauveria bassiana</i> 944	<i>Oebalus poecilus</i> Brazil, Goiás <i>Beauveria bassiana</i> 2191
<i>Hirsutella</i> sp. 2208 2209	Costa Rica <i>Isaria fumosorosea</i> 3429	<i>Palomena prasina</i> Turkey <i>Lecanicillium muscarium</i> 11730 11731 11733 11734
<i>Dicyphus pallidus</i>	France <i>Beauveria bassiana</i> 1984	<i>Simplicillium lamellicola</i> 11727 11728 11729 11732 11735 11737 <i>Simplicillium lamellicola</i> (?) 11738
Switzerland	Malaysia <i>Purpureocillium lilacinum</i> 531	<i>Podisus</i> sp. Brazil, Paraná <i>Beauveria bassiana</i> 1457 2519
<i>Zooplthora radicans</i> 389	Republic of Korea <i>Beauveria bassiana</i> 6722	<i>Scotinophara coarctata</i> Malaysia <i>Purpureocillium lilacinum</i> 763
<i>Leptopterna dolabrata</i>	<i>Cordyceps</i> sp. 4846	Philippines <i>Metarrhizium anisopliae</i> sensu lato 1432 1548 2341 2342 2343
Denmark	<i>Polycephalomyces ramosus</i> 4858	<i>Metarrhizium pingshaense</i> 1545
<i>Beauveria bassiana</i> 8036	USA, Puerto Rico <i>Paecilomyces</i> sp. 7075	Sterile mycelium 1435
<i>Liocoris tripustulatus</i>	USA, Vermont <i>Isaria farinosa</i> 11833	
Denmark	<i>Acanthosoma labiduroides</i> Nepal <i>Beauveria bassiana</i> 7273	
<i>Beauveria bassiana</i> 8025	Republic of Korea <i>Beauveria bassiana</i> 7240 7246	
<i>Lygus</i> sp.		
France		
<i>Beauveria bassiana</i> 1394 1395 1396 1397 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1520 1521 1648 1649 2318 2319 2320 2321 2322 2458 2462		
Greece		
<i>Beauveria bassiana</i> 1802 1803 1812 1822		
Spain		
<i>Beauveria bassiana</i> 886 1804 1805 1806 1807 1808 1809 1810 1813 1814		
USA, New York		
<i>Pandora neoaphidis</i> 1570		
<i>Lygus ?lineolaris</i>		
France		
<i>Beauveria bassiana</i> 1317 1318 1319 1320 1321 1322 1323 1324 1325		
<i>Lygus hesperus</i>		
USA, California		
<i>Beauveria bassiana</i> 6660 6661		
<i>Lygus lineolaris</i>		
USA, Arkansas		
<i>Beauveria bassiana</i> 3769		
<i>Pandora heteropterae</i> 9266		
USA, Mississippi		
<i>Beauveria bassiana</i> 8317 8889		

## Fungus by Host and Location

## Hemiptera: Pentatomidae Hemiptera: Tingidae

<i>Tibraca limbativentres</i>	<b>Hemiptera: Reduviidae</b>	<i>Verticillium lecanii</i> 6068 6085
Brazil	<i>Triatoma infestans</i>	Turkey
<i>Beauveria bassiana</i> 4091	Argentina	5723
Brazil, Goiás	<i>Beauveria bassiana</i> 7147	<i>Aspergillus niger</i> 5721
<i>Beauveria bassiana</i> 933	<i>Fusarium</i> sp. 7473	<i>Aspergillus ochraceus</i> 5722
<i>Metarhizium anisopliae</i> sensu lato	<i>Purpureocillium lilacinum</i> 7478	<i>Aspergillus</i> sp. 6399
1882 2212 2213 2214		<i>Beauveria bassiana</i> 5665 5725 5753
<i>Metarhizium anisopliae</i> sensu		5762 10348 10349
stricto 1883		<i>Beauveria bassiana</i> (?) 5684
<i>Purpureocillium lilacinum</i> 2215		<i>Beauveria pseudobassiana</i> 5724
<b>Hemiptera: Pseudococcidae</b>		<i>Beauveria</i> sp. 5686 5680 6394 6395
<i>Paracoccus marginatus</i>		6396 6397 6398 6400 6401 6402
India		6403 6409 6410 6425 6428 6429
<i>Lecanicillium aphanocladii</i> 9611		<i>Isaria farinosa</i> 5675 5676 5679
<i>Metarhizium anisopliae</i> sensu lato		<i>Lecanicillium psalliotae</i> 5666
9612 9613		
<i>Phenacoccus solani</i>		Uzbekistan
USA, Florida		<i>Beauveria bassiana</i> 6056 6060 6072
<i>Isaria fumosorosea</i> 2247		6073 6076 6083 6115
<i>Phenacoccus solenopsis</i>		<i>Purpureocillium lilacinum</i> 6081
India		6082 6084 6094 6117
<i>Aspergillus clavatus</i> 9375		<i>Eurygaster integriceps</i>
<i>Aspergillus flavus</i> 9376		Iran
<i>Cladosporium cladosporioides</i> 9614		<i>Isaria farinosa</i> 6288
<i>Fusarium</i> sp. 9377		
<i>Rastrococcus invadens</i>		<b>Hemiptera: spf. Coccoidea</b>
Togo		Ukraine
<i>Hirsutella cryptosclerotium</i> 4517		<i>Lecanicillium muscarium</i> (?) 9463
<i>Rhizoecus</i> sp.		USA, Puerto Rico
USA, Florida		<i>Aschersonia</i> sp. 7085
<i>Beauveria bassiana</i> 2236		Unidentified / Hyphomycetes 7076
<i>Lecanicillium psalliotae</i> 2234 2235		7081 7086
<b>Hemiptera: Psyllidae</b>		USA, Wisconsin
Russian Federation		<i>Septobasidium carestianum</i> 6473
<i>Engyodontium</i> (?) sp. 9476		
<i>Isaria farinosa</i> (?) 7219		<b>Hemiptera: spf. Fulgoroidea</b>
<i>Isaria</i> sp. 9517		Argentina
<i>Diaphorina citri</i>		<i>Isaria fumosorosea</i> 7050
Mexico		
<i>Hirsutella</i> sp. 9605 9606 11755		<b>Hemiptera: Tingidae</b>
11757 11758 11759 11760 11761		<i>Corythucha ciliata</i>
10230		France
USA, Florida		<i>Beauveria bassiana</i> 812
<i>Hirsutella citriformis</i> 8315 9180		<i>Leptopharsa heveae</i>
11665		Brazil, Amazonas
<i>Paecilomyces</i> sp. 8316		<i>Evlachovaea</i> sp. 6638
<i>Heteropsylla cubana</i>		<i>Lecanicillium aphanocladii</i> (?) 7986
Papua New Guinea		Brazil, Distrito Federal
<i>Fusarium lateritium</i> 2304		<i>Evlachovaea</i> sp. 6641
<i>Fusarium</i> sp. 2303		<i>Simplicillium lanosoniveum</i> 6642
Philippines		Brazil, Mato Grosso
<i>Hirsutella citriformis</i> 2347 2598		<i>Beauveria bassiana</i> 7984 8637 8638
<i>Heteropsylla incisa</i>		<i>Evlachovaea</i> sp. 6635 6639 6640
Papua New Guinea		<i>Lecanicillium aphanocladii</i> (?) 7985
<i>Fusarium semitectum</i> 2299 2300		<i>Lecanicillium</i> sp. 8639
<i>Fusarium subglutinans</i> 2301		<i>Simplicillium lanosoniveum</i> 6636
Philippines		6637
<i>Isaria fumosorosea</i> 2175		<i>Tolypocladium</i> sp. 6634
<i>Psyllida etriota</i>		Unidentified / Hyphomycetes 8640
Canada, Québec		French Guiana
<i>Zoophthora radicans</i> 126		<i>Simplicillium lanosoniveum</i> 6430
<i>Trioza urticae</i>		6431 6432
Switzerland		<i>Verticillium lecanii</i> 6651
<i>Zoophthora radicans</i> 1719		

<b>Hemiptera: coccoidea: Asterolecaniidae</b>	USA, Florida <i>Ascospaera apis</i> 6362 <i>Beauveria bassiana</i> 5989	Unidentified / Hyphomycetes 12029 12030 12041 12042 12047
<i>Bambusaspis</i> sp.	USA, Oregon <i>Ascospaera apis</i> 691 692	USA, New Mexico <i>Aspergillus</i> sp. 12051 12049
Trinidad and Tobago <i>Verticillium pseudohemipterigenum</i> 5687	USA, Texas <i>Ascospaera apis</i> 2683 7405 7406	Unidentified / Hyphomycetes 12027 12028
<b>Heteroptera</b>	<i>Bombus</i> sp. Argentina <i>Beauveria bassiana</i> 7201	USA, Texas <i>Beauveria bassiana</i> 12023 12024
<b>Heteroptera: Miridae</b>	<b>Hymenoptera: Apoidea</b>	<i>Beauveria</i> sp. 11743 11744 12032 12033 12034 12035 12036 12037 12040 12048
Denmark <i>Beauveria bassiana</i> 4057	PR China <i>Beauveria bassiana</i> 9595	Unidentified / Hyphomycetes 12031 12043 12044 12045
<i>Lygus</i> sp.	<b>Hymenoptera: Cephidae</b>	France <i>Beauveria bassiana</i> 5069
Denmark <i>Beauveria bassiana</i> 4053	<i>Cephus</i> sp. PR China <i>Beauveria bassiana</i> 6793 6794 6795	<i>Acromyrmex octospinosus</i>
<b>Hymenoptera</b>	<i>Cephus cinctus</i> USA, Montana <i>Beauveria bassiana</i> 12240 12241 12242 12243 12244 12245 12246 12247 12248	Panama <i>Escovopsis</i> sp. 5574
Brazil, Goiás <i>Conidiobolus</i> sp. 2193	<b>Hymenoptera: Colletidae</b>	<i>Anoplolepis longipes</i>
Canada, British Columbia <i>Paecilomyces</i> sp. 8007 8008	Australia <i>Ascospaera solina</i> 5146	Papua New Guinea <i>Aspergillus flavus</i> 2157 2158 2159 <i>Lasiodiplodia theobromae</i> 2170 <i>Purpureocillium lilacinum</i> 2155 <i>Trichoderma</i> sp. 2160 2161
Denmark <i>Ascospaera major</i> 694	<b>Hymenoptera: Diprionidae</b>	<i>Atta</i> sp.
Japan <i>Beauveria bassiana</i> 7257 7259	<i>Diprion pini</i> Location not specified <i>Beauveria bassiana</i> 338	Brazil <i>Beauveria bassiana</i> 1831
PR China <i>Hymenostilbe sphecophila</i> 6292	<i>Neodiprion tsugae</i> USA, Alaska <i>Zoophthora radicans</i> 13	Brazil, Goiás <i>Metarhizium anisopliae</i> sensu lato 2510
Republic of Korea <i>Beauveria bassiana</i> 7239 7254 7265	<b>Hymenoptera: Encyrtidae</b>	Mexico <i>Beauveria bassiana</i> 3285
<i>Beauveria pseudobassiana</i> 7242	<i>Anagyrus</i> sp. Mexico <i>Metarhizium anisopliae</i> sensu lato 3146	<i>Atta colombica</i>
<i>Beauveria sungii</i> 7281	<b>Hymenoptera: Eulophidae</b>	Panama <i>Escovopsis weberi</i> 5576
<i>Isaria farinosa</i> 7249 7262	USA, New York <i>Isaria farinosa</i> 11835	<i>Atta mexicana</i>
Switzerland <i>Batkoaa apiculata</i> 395	<b>Hymenoptera: Eurytomidae</b>	Mexico <i>Beauveria bassiana</i> 2484 2485 2486
USA, Vermont <i>Lecanicillium evansii</i> (?) 11804	<i>Bephratelloides cubensis</i> USA, Florida <i>Beauveria bassiana</i> 2869	<i>Atta sexdens rubropilosa</i>
<b>Hymenoptera: ?Megachilidae</b>	<b>Hymenoptera: Formicidae</b>	Brazil, São Paulo <i>Metarhizium robertsii</i> 2560
Brazil, Goiás <i>Beauveria bassiana</i> 957	<i>Fusarium</i> sp. 12039	<i>Camponotus</i> sp. <i>Penicillium sumatrense</i> 7099
<b>Hymenoptera: Superfamily Apoidea</b>	Brazil, Bahia <i>Beauveria bassiana</i> 1960	<i>Formica rufa</i>
Australia <i>Ascospaera</i> sp. 7368	Canada, Alberta <i>Conidiobolus coronatus</i> 7011	Russian Federation <i>Beauveria</i> sp. 7597
Brazil, Santa Catarina <i>Beauveria bassiana</i> 1468	Mexico <i>Beauveria bassiana</i> 2487	<i>Formica</i> sp.
<b>Hymenoptera: Aphelinidae</b>	Republic of Korea <i>Beauveria bassiana</i> 7260	USA, Vermont <i>Verticillium lecanii</i> 5168
<i>Eretmocerus californicus</i>	Russian Federation <i>Isaria farinosa</i> 7728 9510	<i>Myrmica rubra</i>
USA, Texas <i>Isaria fumosorosea</i> 5253 5254 5255 5256 5257 5258	USA, Arizona <i>Aspergillus</i> sp. 12050 <i>Beauveria bassiana</i> 12025 12026	United Kingdom <i>Beauveria bassiana</i> 7533 7534
<b>Hymenoptera: Apidae</b>	<i>Beauveria</i> sp. 11745 11746 11747	<i>Metarhizium anisopliae</i> sensu lato 7535 7537 7538
Republic of Korea <i>Cordyceps</i> sp. 4851 4844	12046 12038	<i>Tolyphocladium cylindrosporum</i> 7539
<i>Apis mellifera</i>	<b>Hymenoptera: Formicidae</b>	USA, Maine <i>Beauveria brongniartii</i> 7058
Australia <i>Ascospaera apis</i> 5142	<i>Myrmica scabrinodis</i>	<i>Hirsutella myrmicarum</i> 11864
<i>Ascospaera atra</i> 5147	United Kingdom <i>Metarhizium anisopliae</i> sensu lato 7059	<i>Metarhizium anisopliae</i> sensu lato
<i>Ascospaera duoformis</i> 5141		
Russian Federation <i>Beauveria bassiana</i> 7596		
<i>Beauveria</i> sp. 7589		
Ukraine <i>Beauveria bassiana</i> 9447		

## Fungus by Host and Location

**Hymenoptera: Formicidae**  
**Isoptera: Mastotermitidae**

<i>Paltothyreus tarsatus</i>	<b>Hymenoptera: Ichneumonidae</b>	<b>Hymenoptera: subord. Symphyta</b>
Ghana	Poland	USA, Florida
<i>Akanthomyces gracilis</i> 2910 2919	<i>Beauveria pseudobassiana</i> 156	<i>Beauveria bassiana</i> 5985
<i>Sporothrix insectorum</i> 2909 2918	<i>Fusarium lateritium</i> 1331 1416	
<i>Pogonomyrmex occidentalis</i>	<i>Lecanicillium muscarium</i> 1330	
USA, Colorado	Ukraine	<b>Hymenoptera: Tenthredinidae</b>
<i>Beauveria amorpha</i> 7542	<i>Beauveria bassiana</i> 9448	<i>Monophadnus elongatus</i>
<i>Beauveria bassiana</i> 7540 7541	<i>Cratichneumon lanius</i>	Italy
<i>Evlachovaea</i> sp. 7543 7544	Poland	<i>Evlachovaea</i> sp. 1576
<i>Purpureocillium lilacinum</i> 7545	Unidentified sp. 1421	<i>Pristiphora erichsonii</i>
7546 7547 7548		Canada, British Columbia
<i>Solenopsis</i> sp.	<b>Hymenoptera: Megachilidae</b>	<i>Isaria farinosa</i> 1851
Brazil	<i>Beauveria bassiana</i> 7377 7378	
<i>Beauveria bassiana</i> 2722 2723	<i>Chalicodoma</i> sp.	<b>Hymenoptera: Tenthredinoidea</b>
Brazil, São Paulo	Australia	USA, Florida
<i>Beauveria amorpha</i> 2641	<i>Ascospaera subcuticulata</i> 5145	<i>Paecilomyces</i> sp. 6883
<i>Metarhizium robertsii</i> 2561	<b>Megachile</b> sp.	
<i>Solenopsis invicta</i>	Australia	<b>Hymenoptera: Trichogrammatidae</b>
Brazil	<i>Ascospaera arienooides</i> 5143	USA, Vermont
<i>Beauveria</i> sp. 3859 3860	<i>Ascospaera flava</i> 5144	<i>Lecanicillium evansii</i> (?) 11806
Brazil, Mato Grosso	<b>Megachile centuncularis</b>	
<i>Beauveria bassiana</i> 2401 2402 2403	Denmark	<b>Hymenoptera: Vespidae</b>
2404 5956 5957 5960 5961 5962	<i>Ascospaera proliperda</i> 695	Brazil, Alagoas
<i>Beauveria bassiana</i> (?) 5959	<b>Megachile rotundata</b>	<i>Beauveria bassiana</i> 1953
Unidentified sp. 2640	Canada, Saskatchewan	Brazil, Amazonas
Uruguay	<i>Ascospaera larvis</i> 7945 7946	<i>Beauveria bassiana</i> 730
<i>Beauveria bassiana</i> 5967	Laboratory manipulation	Brazil, Goiás
USA, Florida	<i>Ascospaera proliperda</i> 696	<i>Beauveria bassiana</i> 2943 2944
<i>Akanthomyces clavatus</i> 7577	USA, Nevada	USA, Vermont
<i>Aspergillus ochraceus</i> (?) 7027	<i>Ascospaera aggregata</i> 689	<i>Mariannaea</i> sp. 11814
<i>Beauveria bassiana</i> 5973 5974	USA, Oregon	<i>Polistes</i> sp.
<i>Hirsutella</i> sp. 7578	<i>Ascospaera aggregata</i> 690	Brazil, São Paulo
USA, Texas	<i>Ascospaera atra</i> 693	<i>Beauveria bassiana</i> 6513
<i>Conidiobolus</i> sp. 2819	<i>Ascospaera proliperda</i> 6363	
<i>Metarhizium brunneum</i> 3738	<b>Osmia lignaria</b>	<i>Vespa</i> sp.
<i>Solenopsis quinquecuspis</i>	USA, Utah	Russian Federation
Brazil, Rio Grande do Sul	<i>Aspergillus niger</i> 6365	<i>Lecanicillium</i> sp. 7630
<i>Beauveria bassiana</i> 5968	<b>Hymenoptera: Pamphiliidae</b>	<i>Vespula germanica</i>
Uruguay	Japan	Australia
<i>Beauveria bassiana</i> 5966	<i>Beauveria bassiana</i> 7519 7520 7521	<i>Penicillium</i> sp. 4148
<i>Solenopsis saevissima</i>	Unidentified / <i>Hyphomycetes</i> 7518	<i>Vespula vulgaris</i>
Brazil, Minas Gerais	USA, Maine	Canada, Alberta
<i>Beauveria bassiana</i> 5965	<i>Hirsutella gigantea</i> 30	<i>Beauveria pseudobassiana</i> 2997
Brazil, Rio Grande do Sul	<b>Acantholyda erythrocephala</b>	<b>Isoptera</b>
<i>Beauveria bassiana</i> 5969	USA, New York	Brazil, Goiás
Brazil, São Paulo	<i>Isaria farinosa</i> 5548	<i>Metarhizium anisopliae</i> sensu lato
<i>Beauveria bassiana</i> 5958 5963	<b>Pamphilius betulae</b>	2949 2951
<i>Solenopsis xyloni</i>	Commonwealth of Independent States	<b>Isoptera: Kalotermitidae</b>
USA, California	<i>Beauveria bassiana</i> 154	<i>Cryptotermes brevis</i>
<i>Beauveria bassiana</i> 5970 5971 5972	<i>Beauveria pseudobassiana</i> 152	<i>Metarhizium anisopliae</i> sensu lato
<i>Trachymyrmex</i> sp.	<b>Hymenoptera: Pergidae</b>	7927 7928 7930
Panama	<i>Lophyrotoma zonalis</i>	<i>Metarhizium pingshaense</i> 7929
<i>Escovopsis aspergilloides</i> 5575	Australia	<i>Kalotermes</i> sp.
<b>Hymenoptera: Formicidae: Myrmicinae</b>	<i>Beauveria bassiana</i> 8753	Australia
France	<b>Hymenoptera: Siridae</b>	<i>Metarhizium robertsii</i> 7413
<i>Beauveria bassiana</i> 1976 1977 1978	<i>Sirex noctilio</i>	<i>Neotermes</i> sp.
1979	South Africa	Australia
	<i>Tolypocladium cylindrospororum</i>	<i>Metarhizium anisopliae</i> sensu lato
<b>Hymenoptera: Formicoidea</b>	5538	8731
Belarus	<b>Hymenoptera: Sphecidae</b>	<b>Isoptera: Mastotermitidae</b>
<i>Isaria farinosa</i> 9514	Mexico	<i>Mastotermes</i> sp.
	<i>Evlachovaea</i> sp. 2545	<i>Metarhizium anisopliae</i> sensu lato
		7506
		<i>Mastotermes darwiniensis</i>
		Australia
		<i>Metarhizium anisopliae</i> sensu lato
		8581 8584 8585 8587 8588 8589

<i>Metarhizium anisopliae</i> sensu stricto 7430	Unidentified / Hyphomycetes 7802	<i>Cordyceps militaris</i> 4845
<b>Isoptera: Rhinotermitidae</b>	<i>Nasutitermes corniger</i>	Russian Federation
<i>Coptotermes</i> sp.	<i>Conidiobolus coronatus</i> 8455	<i>Beauveria bassiana</i> 7585 7593 9445
Australia	Panama	<i>Beauveria</i> sp. 7579 7586 7587 7594
	<i>Purpureocillium lilacinum</i> 8456	7598
<i>Metarhizium anisopliae</i> sensu lato 8063 8089 8092 8093	<i>Nasutitermes exitiosus</i>	<i>Clonostachys rosea</i> 9493
<i>Coptotermes acinaciformis</i>	Australia	<i>Cordyceps militaris</i> 7809 7810 9484
Australia	<i>Metarhizium anisopliae</i> sensu lato 8060 8061 8068 8069 8070 8071	<i>Cordyceps pruinosa</i> 7221
	8075 8080 8082 8083 8084 8085	<i>Cordyceps</i> sp. 7808 7811 9486 7600
<i>Metarhizium anisopliae</i> sensu lato 8064 8081 8087 8088	8086 8090 8091 8097 8100 8229	7601
<i>Coptotermes formosanus</i>	8230 8570	<i>Isaria farinosa</i> 7714 7720 7722 7723
USA, Hawaii		7724 7725 7726 7730 7731 7733
		7736 7737
<i>Metarhizium brunneum</i> 3045		<i>Isaria fumosorosea</i> 7743 9520
USA, Louisiana	<b>Lepidoptera</b>	<i>Isaria tenuipes</i> 7790 9531 9532
	Brazil, Ceará	<i>Lecanicillium muscarium</i> 7621 7738
<i>Beauveria bassiana</i> 6906 6907 6908	<i>Beauveria bassiana</i> 2637	9468 9469 9477
<i>Metarhizium anisopliae</i> sensu lato 6909 6910 6911 8015	Brazil, Goiás	<i>Lecanicillium</i> sp. 7624 7625 7626
<i>Coptotermes frenchi</i>	<i>Erynia</i> sp. 1241	7627 7628 7629 7632
Australia	<i>Nomuraea rileyi</i> 936	<i>Metarhizium anisopliae</i> sensu lato 9541
	Brazil, São Paulo	<i>Paecilomyces</i> sp. 7721 7741 7742
<i>Metarhizium anisopliae</i> sensu lato 8067	<i>Beauveria bassiana</i> 2633	Solomon Islands
<i>Coptotermes lacteus</i>	Canada	<i>Nomuraea rileyi</i> 1879 1893
	<i>Furia gastropachae</i> 2906	<b>Switzerland</b>
<i>Metarhizium pingshaense</i> 7431	<i>Hirsutella</i> sp. 2581	<i>Entomophaga</i> sp. 393
Australia	Canada, British Columbia	<i>Furia virescens</i> 427
	<i>Paecilomyces</i> sp. 7995 8001	<i>Zooplthora radicans</i> 404
<i>Metarhizium anisopliae</i> sensu lato 8059 8072 8073 8074 8094 8095	Denmark	<b>Turkey</b>
8231 8232 8233 8234 8235 8236	<i>Isaria farinosa</i> 7118	<i>Beauveria</i> sp. 5832
8502 8503 8504 8505 8506 8507	Ecuador	<i>Lecanicillium psalliotae</i> 5685
8508 8509 8510 8511 8512 8513	<i>Beauveria</i> sp. 2998	Ukraine
8514 8515 8516 8517 8518 8531	Indonesia, Jawa Barat, Java	<i>Evbachovaea</i> sp. 7599
8532 8533 8534 8535 8536 8537	<i>Metarhizium anisopliae</i> sensu lato 2424	<i>Isaria farinosa</i> 7734
8538 8539 8540 8541 8542 8575	Japan	<i>Isaria tenuipes</i> 9534
<i>Metarhizium anisopliae</i> sensu stricto 7432	<i>Entomophaga</i> aulicae 1140 1656	Unidentified / Hyphomycetes 9540
<i>Metarhizium frigidum</i> 7436 7437	<i>Furia neopyralidarum</i> 1145	United Kingdom
7438 7439 7440 7441 7442 7443	Laboratory manipulation	<i>Beauveria bassiana</i> 6557
7444 7445 7446 7447 7448	<i>Metarhizium anisopliae</i> sensu lato 1094	USA, Alaska
<i>Reticulitermes flavipes</i>	Mexico	<i>Sporothrix insectorum</i> 7924
Canada, Ontario	<i>Beauveria bassiana</i> 2857	USA, Hawaii
	<i>Isaria farinosa</i> 2822	<i>Beauveria bassiana</i> 8709
<i>Beauveria bassiana</i> 3041	<i>Polycephalomyces ramosus</i> 7095	USA, New York
<i>Metarhizium flavoviride</i> var. <i>pemphigum</i> 9358	Nepal	<i>Cordyceps militaris</i> 4081 4082 4083
<i>Metarhizium robertsii</i> 9607	<i>Beauveria bassiana</i> 7274	4084 4085 4086 4087 4088 4089
<b>Isoptera: Termitidae</b>	PR China	4838 4839 4840 4841 4842 5002
<i>Aspergillus</i> sp. 8633 8634	<i>Beauveria amorpha</i> 6227	5003 5004 5005 5006 5007 5008
Kenya	<i>Beauveria bassiana</i> 11708 11716	5009 5010 5011 5012 5013 5014
<i>Ophiocordyceps bisporus</i> 3888	11717 11719	5015 5016 5017 5018 5019 5020
<i>Drepanotermes perniger</i>	<i>Beauveria</i> sp. 9596 11709	5021 5022 5023 5024 5025 5026
Australia	<i>Cordyceps militaris</i> 6248 11703	5027 5028 5029 5030 5031 5032
	11704	5033 5034 5035 5036 5037 5038
<i>Metarhizium anisopliae</i> sensu lato 8062	<i>Cordyceps pruinosa</i> 11723 11724	5039 5040 5041 5042 5043 5044
<i>Macrotermes</i> sp.	<i>Isaria catenannulata</i> 6240 9601	5045 5046 5047 5048 5049 5050
Kenya	11722	5051 5052 5053 5054 5055 5056
	<i>Isaria cicadae</i> 11726	5057 5058 5059 5060 5061 5062
<i>Ophiocordyceps bisporus</i> 4518 4843	<i>Isaria farinosa</i> 6245 11721	<i>Isaria farinosa</i> 3152 4090
<i>Microcerotermes</i> sp.	<i>Isaria tenuipes</i> 6249 11705 11706	<i>Isaria tenuipes</i> 5134 5135
Australia	11707	USA, Oregon
	<i>Metarhizium guizhouense</i> 6238	<i>Isaria farinosa</i> 5996
<i>Metarhizium anisopliae</i> sensu lato 8590 8591	<i>Simplicillium lamellicola</i> (?) 11725	USA, Pennsylvania
<i>Nasutitermes acajutlae</i>	<i>Sporothrix insectorum</i> 6286	<i>Cordyceps militaris</i> 8012
USA, Virgin Islands	Republic of Korea	USA, Texas
	<i>Beauveria bassiana</i> 11715	<i>Isaria fumosorosea</i> 5251 5252
<i>Aspergillus niger</i> 7797 7798 7799	<i>Cordyceps isarioides</i> 5688	USA, Vermont
<i>Myrothecium</i> sp. 7804 7800 7801		<i>Isaria farinosa</i> 11829
7803		

# Fungus by Host and Location

## Lepidoptera Lepidoptera: Incurvariidae

<i>Lecanicillium muscarium</i> 11802	Brazil, São Paulo	<i>Enypia griseata</i>
Uzbekistan	<i>Beauveria bassiana</i> 6514	Canada, British Columbia
<i>Beauveria bassiana</i> 6109		<i>Entomophaga aulicæ</i> 2000
<i>Galactica</i> sp.	Brazil, Sergipe	<i>Hibernia defoliaria</i>
Brazil, Distrito Federal	<i>Evlachovaea</i> sp. 2620	Poland
<i>Metarhizium pingshaense</i> 552		Unidentified sp. 1415 1417
<b>Lepidoptera: Arctiidae</b>	<b>Lepidoptera: Castniidae</b>	<i>Isturgia exerrariae</i>
<i>Hyphantria cunea</i>	<i>Castnia licus</i>	South Africa
Italy	Brazil, Pernambuco	<i>Beauveria bassiana</i> 6973
<i>Beauveria bassiana</i> 1564	<i>Beauveria brongniartii</i> 1829	<i>Beauveria pseudobassiana</i> 6972
<i>Beauveria pseudobassiana</i> 1565		<i>Lambdina athasaria</i>
<i>Isaria fumosorosea</i> 1568 1569 1577	<b>Lepidoptera: Cossidae</b>	USA, Vermont
1578 1579	PR China	<i>Isaria farinosa</i> 3537 3538
Republic of Georgia	<i>Cordyceps bassiana</i> 7047	Unidentified sp. 3567 3568 3569
<i>Isaria fumosorosea</i> 10224	<i>Hirsutella liboensis</i> 9603	<i>Lambdina fiscellaria fiscellaria</i>
Turkey	<b>Cossula cossus</b>	Canada, Newfoundland
<i>Beauveria bassiana</i> 12165	Italy	<i>Entomophaga aulicæ</i> 1991 2900
<i>Beauveria</i> sp. 12168 12169	<i>Beauveria bassiana</i> 1103 1104 1558	<i>Zoophthora radicans</i> 72
<i>Isaria catenianannulata</i> (?) 12166		<i>Lambdina fiscellaria lugubrosa</i>
<i>Isaria fumosorosea</i> 12172 12173	USA, Kentucky	Canada, British Columbia
12174 12175 12177	<i>Isaria farinosa</i> 2269	<i>Entomophaga aulicæ</i> 1990
Unidentified / Hyphomycetes	<b>Zeuzera pyrina</b>	<i>Rheumaptera hastata</i>
12163 12164 12167 12170 12171	Italy	Canada, Ontario
12176 12178 12179 12180 12181	<i>Beauveria bassiana</i> 1105	<i>Entomophaga aulicæ</i> 2899
<i>Lophocampa caryae</i>	<b>Lepidoptera: Crambidae</b>	<b>Lepidoptera: Hepialidae</b>
USA, Vermont	New Zealand	PR China
<i>Pandora</i> sp. 11764	<i>Metarhizium anisopliae</i> sensu lato	<i>Hirsutella sinensis</i> 6282 6284 6285
<i>Pyrrharctia isabella</i>	3064	<i>Oncopera</i> sp.
USA, New York	<i>Metarhizium flavoviride</i> var. <i>novazealandicum</i> 8214	Australia
<i>Isaria farinosa</i> 3017		<i>Beauveria pseudobassiana</i> 4273
<i>Spilosoma niveum</i>	<b>Lepidoptera: Danaidae</b>	<i>Oncopera alboguttata</i>
Japan	<i>Danaus plexippus</i>	Australia
<i>Entomophaga aulicæ</i> 2372 2373	<i>Beauveria bassiana</i> 7093	<i>Beauveria bassiana</i> 4589 4607 8493
2374		<i>Metarhizium anisopliae</i> sensu lato
<b>Lepidoptera: Bombycidae</b>	Australia	7820 7821 7822 7823
<i>Bombyx mori</i>	<i>Beauveria bassiana</i> 8891	<i>Penicillium</i> sp. 4263
Japan		<i>Oncopera intricata</i>
<i>Aspergillus flavus</i> 1003 1010	<b>Lepidoptera: Eupterotidae</b>	Australia
<i>Beauveria bassiana</i> 302 303 304 305	South Africa	<i>Beauveria bassiana</i> 4258 4672
1007	<i>Beauveria bassiana</i> 6984	<i>Microhilum oncoperae</i> 4358 4769
<i>Beauveria</i> sp. 1040		4770 4771
<i>Isaria fumosorosea</i> 989 1005	<b>Lepidoptera: Gelechiidae</b>	<i>Oncopera intricata</i>
<i>Metarhizium brunneum</i> 988	<i>Tuta absoluta</i>	Australia
<i>Metarhizium majus</i> 1015	Argentina	<i>Metarhizium anisopliae</i> sensu lato
<i>Purpureocillium lilacinum</i> 986	<i>Zoophthora radicans</i> 6917	4234
<i>Verticillium lecanii</i> 991		<i>Oxycanus</i> sp.
Philippines	<b>Lepidoptera: Gelechiidae</b>	New Zealand
<i>Beauveria bassiana</i> 2737	<i>Anacampsis humilis</i>	<i>Metarhizium brunneum</i> 1187
PR China	Uruguay	<i>Wiseana</i> sp.
<i>Beauveria bassiana</i> 718	<i>Zoophthora radicans</i> 4783	New Zealand
<i>Isaria fumosorosea</i> 720		<i>Metarhizium anisopliae</i> sensu lato
<i>Metarhizium guizhouense</i> 703	<i>Phthorimaea operculella</i>	4681
<i>Nomuraea rileyi</i> 711	Australia	<b>Lepidoptera: Hyblaeidae</b>
South Africa	<i>Aspergillus flavus</i> 4126	<i>Hyblaea puer</i>
<i>Beauveria bassiana</i> 5704	<i>Aspergillus tamarii</i> 4127	India
<b>Lepidoptera: Brassolidae</b>	<i>Scrobipalpuloides absoluta</i>	<i>Beauveria bassiana</i> 2597
<i>Brassolis</i> sp.	Brazil, Rio Grande do Sul	<i>Fusarium</i> sp. 2595
Colombia	<i>Fusarium</i> sp. 5219	
<i>Evlachovaea</i> sp. 2297	<b>Lepidoptera: Geometridae</b>	<b>Lepidoptera: Incurvariidae</b>
<i>Brassolis sophorea</i>	<i>Sitotroga cerealella</i>	<i>Paraclemensia</i> sp.
Brazil, Pará	South Africa	USA
<i>Beauveria bassiana</i> 2619	<i>Evlachovaea</i> sp. 5703	<i>Beauveria bassiana</i> 11614 11615
<i>Evlachovaea</i> sp. 2613		11616 11617

**Lepidoptera: Incurvariidae****Lepidoptera: Lyonetiidae****Fungus by Host and Location**

Location not specified	<i>Lymantria dispar</i>	<i>Fusarium polyphialidicum</i>
Unidentified sp. 3797	Canada, Ontario	3693
<i>Paraclemensia acerifoliella</i>	<i>Beauveria bassiana</i> 2267	<i>Isaria farinosa</i> 648 697 2564 3595
USA, Vermont	<i>Entomophaga maimaiga</i> 3913	3596 3597 3598 3599
<i>Beauveria bassiana</i> 5492	Commonwealth of Independent States	<i>Lecanicillium muscarium</i> 3600 3601
<b>Lepidoptera: Lasiocampidae</b>	<i>Beauveria bassiana</i> 155	USA, Oregon
Russian Federation	France	<i>Acremonium berkeleyanum</i> 2067
<i>Isaria farinosa</i> 9515	<i>Beauveria bassiana</i> 6205	<i>Acrodontium crateriforme</i> 2070
<i>Dendrolimus spectabilis</i>	<i>Isaria fumosorosea</i> 6206	<i>Beauveria bassiana</i> 2054
Japan	<i>Scopulariopsis</i> sp. 2255	<i>Fusarium avenaceum</i> 2060
<i>Basidiobolus ranarum</i> 1139	Unidentified / Hyphomycetes 4899	<i>Fusarium merismoides</i> 2059
<i>Beauveria bassiana</i> 1677	4900	<i>Humicola</i> sp. 2069
<i>Entomophaga aulicae</i> 1655	Japan	<i>Isaria farinosa</i> 2057
<i>Gastropacha orientalis</i>	<i>Entomophaga maimaiga</i> 1390 1391	<i>Lecanicillium muscarium</i> 2065 2066
Japan	1392 1400 1658 2370 2371 6171	<i>Mortierella histoplasmatooides</i> 2063
<i>Paecilomyces canadensis</i> 990	6172 6212 6224 6253 6254 6255	<i>Mortierella hyalina</i> 2061
<i>Malacosoma americanum</i>	6256 6257 6258 6264 6265 6266	<i>Penicillium thomii</i> 2056
<i>Entomophaga maimaiga</i> 6170 6173	6267 6268 7104 7105 7112 7113	<i>Phialophora malorum</i> 2072
6174	7114 7116 7185 7186 7187 7188	<i>Phoma cava</i> 2071
USA, Massachusetts	7189	<i>Pochonia suchlasporia</i> var. <i>catenata</i>
<i>Beauveria bassiana</i> 1	PR China	2064
<i>Isaria farinosa</i> 3	<i>Entomophaga maimaiga</i> 7139 7183	Sterile mycelium 2073
<i>Malacosoma disstria</i>	7184	<i>Trichothecium roseum</i> 2055
<i>Entomophaga maimaiga</i> 4545	Rumania	USA, Pennsylvania
Canada, Ontario	<i>Beauveria pseudobassiana</i> 299	<i>Beauveria pseudobassiana</i> 3528
<i>Furia gastropachae</i> 5869 5870 5871	Russian Federation	<i>Entomophaga maimaiga</i> 7120 7121
5872	<i>Entomophaga maimaiga</i> 7127	7122 7131 7132 7133 7134 7135
USA, Maryland	USA, Connecticut	7136 7190 7352 7353
<i>Furia gastropachae</i> 5545 5546	<i>Entomophaga maimaiga</i> 2775	<i>Fusarium polyphialidicum</i> 3916
USA, New York	USA, Delaware	<i>Isaria farinosa</i> 20 3221 3491 3499
5351 7370	<i>Beauveria bassiana</i> 2570 2571 2572	3500 3506 3523
<i>Entomophaga aulicae</i> 3602	2573	USA, Virginia
<i>Furia gastropachae</i> 5541 5542 5543	USA, Maryland	<i>Beauveria bassiana</i> 3527
5544 5547	<i>Aspergillus ochraceus</i> 2833	<i>Beauveria pseudobassiana</i> 3405
<i>Metarhizium anisopliae</i> sensu lato	<i>Beauveria bassiana</i> 2831 3404 3530	<i>Entomophaga maimaiga</i> 4504 4505
6167	<i>Beauveria pseudobassiana</i> 3529	4506 4507 4552 4553 4554 4555
USA, Vermont	<i>Entomophaga maimaiga</i> 5377 5378	5568 5570 6169 6218
<i>Furia gastropachae</i> 8926	5379 5380 5381 5382 5383 5384	<i>Fusarium polyphialidicum</i> 3695
<b>Lepidoptera: Limacodidae</b>	5385 5386 5387 5388 5389 5390	<i>Fusarium torulosum</i> 3483
<i>Iragoides fasciata</i>	<i>Fusarium</i> sp. 3532	<i>Isaria farinosa</i> 3490 3493 3494 3496
PR China	<i>Isaria farinosa</i> 2131 2835 3492 3498	3497 3501 3502 3503 3504 3505
<i>Mariannaea pruinosa</i> 5413	3507 3524 3526 3666	3508 3664 3665
<i>Natada micchonta</i>	<i>Penicillium</i> sp. 2834 2836	USA, West Virginia
Brazil, Pará	USA, Massachusetts	<i>Entomophaga maimaiga</i> 6168
<i>Paecilomyces</i> sp. 2616 2617 2618	<i>Entomophaga maimaiga</i> 2779 5564	<i>Isaria farinosa</i> 3495 3517 3518 3519
<b>Lepidoptera: Lycaenidae: Polyommatinae</b>	6004 6005 6269 6270 6271 6272	3520 3521 3522 3525 3533
<i>Orachrysops ariadne</i>	7123 7124 7125 7126 7137 7138	<i>Lecanicillium muscarium</i> 3531
South Africa	<i>Fusarium polyphialidicum</i> 3694	<i>Lymantria dissoluta</i>
<i>Cladosporium</i> sp. 6226	USA, Michigan	PR China
<i>Orachrysops subravus</i>	<i>Entomophaga maimaiga</i> 6523 6524	<i>Beauveria bassiana</i> 6233
South Africa	6626 6627 6628 6629 6630 6652	<i>Isaria catenannulata</i> 6242
<i>Fusarium</i> sp. 6102	6653 6654 6655 6656 6657 6663	<i>Orygia vetusta</i>
<b>Lepidoptera: Lymantriidae</b>	6664 6665 6666 6667 6668 6724	USA, California
<i>Euproctis chrysorrhoea</i>	6725 6726 6727 6728 6729 7101	<i>Entomophaga aulicae</i> 4004 4005
USA, Maine	7102 7103 7106 7107 7108 7109	4006 4007 4008
<i>Entomophaga aulicae</i> 7140 7141	7110 7111 7115	<b>Lepidoptera: Lyonetiidae</b>
7142 7143 7144 7145	USA, New Hampshire	<i>Leucoptera coffeella</i>
<i>Leucoma salicis</i>	<i>Entomophaga maimaiga</i> 2780	Nicaragua
Location not specified	USA, New York	<i>Beauveria bassiana</i> 6801 6802 6803
<i>Isaria farinosa</i> 38	<i>Entomophaga maimaiga</i> 3052 3053	6804 6805 6806 6807 6808 6809
<i>Lymantria</i> sp.	3828 3829 3830 3831 3832 3833	<i>Leucoptera scitella</i>
Philippines	3834 3835 4508 4509 4510 4549	Italy
<i>Nomuraea rileyi</i> 481 482 483	4550 4551 5391 5392 5393 5394	<i>Beauveria bassiana</i> 1115 1117
	5395 5396 5397 5398 5399 5400	<i>Metarhizium brunneum</i> 1116
	5401 6625	

## Fungus by Host and Location

**Lepidoptera: Microlepidoptera**  
**Lepidoptera: Noctuidae**

### Lepidoptera: Microlepidoptera

Poland  
    *Hirsutella subulata* 2227

### Lepidoptera: Noctuidae

Brazil  
    *Isaria tenuipes* 4096  
Brazil, Mato Grosso  
    *Isaria tenuipes* 3939  
Brazil, Paraná  
    *Isaria tenuipes* 3938  
Brazil, São Paulo  
    *Nomuraea rileyi* 6875  
Canada  
    *Metarhizium guizhouense* 2140  
Denmark  
    *Tolypocladium cylindrosporum*  
        2777 2778  
Hungary  
    *Beauveria bassiana* 1627 1628 1629  
PR China  
    *Beauveria brongniartii* 9599  
Russian Federation  
    *Nomuraea rileyi* 9489 9490  
    *Nomuraea* sp. 7851  
Switzerland  
    *Furia virescens* 470 1129  
USA, Mississippi  
    *Nomuraea rileyi* 135  
USA, New York  
    *Entomophaga aulicæ* 3016  
?Heliothis sp.  
    USA, Georgia  
        *Entomophaga aulicæ* 251  
Aedia leucomelas  
    Japan  
        *Entomophaga aulicæ* 198 998  
Agrotis segetum  
    Denmark  
        *Isaria farinosa* 4010  
Alabama argillacea  
    Argentina  
        *Nomuraea rileyi* 7148  
Anticarsia gemmatalis  
    Argentina  
        *Nomuraea rileyi* 2013 2465 2466  
            5208 5209 5210 5211 5212 6877  
            7052 7053 7054 7055 7056 7149  
            7150 7151 7479 7480 7481 7482  
            7484 7778 7779 7780  
Brazil, Pará  
    *Nomuraea rileyi* 1950  
Brazil, Paraná  
    *Nomuraea rileyi* 3940 6732 6734  
        6736 6737 6738 6739 6740 6741  
        6742 6743 6744 6745 6746 6747  
        6748 6749 6764 6765 6766 6767  
        6775 6776 6777 6778 6779 6780  
        6782 6783 6784 6786 6787 6874  
        6878  
Brazil, Rio Grande do Sul  
    *Nomuraea rileyi* 2201 2202 2203  
        2204 2205 2207  
Mexico  
    *Metarhizium brunneum* 3295  
    *Nomuraea rileyi* 2492

USA, Florida  
    *Nomuraea rileyi* 6868 6869 6870  
        6872 6873 6876

*Autographa gamma*  
France  
    *Beauveria bassiana* 2253 2254

Japan  
    *Entomophaga aulicæ* 2363 2365

*Helicoverpa* sp.  
Australia  
    *Beauveria bassiana* 8066

*Helicoverpa armigera*  
India  
    *Nomuraea* sp. 2413

PR China  
    *Nomuraea rileyi* 6239

Spain  
    *Beauveria bassiana* 1149 1166

*Helicoverpa virescens*  
France  
    *Beauveria bassiana* 1314 1315 1316

Spain  
    *Beauveria bassiana* 1788

*Helicoverpa zea*  
USA  
    *Metarhizium anisopliae* sensu lato  
        11637

USA, Florida  
    *Metarhizium anisopliae* sensu  
        stricto 1080

*Mamestra brassicae*  
France  
    *Isaria javanica* 3981

Japan  
    *Entomophaga aulicæ* 1657 1751  
        2362 2367 2368 2369

*Pandora delphacis* 1265

*Mocis* sp.  
Colombia  
    *Beauveria* sp. 590

*Metarhizium anisopliae* sensu  
        stricto 587

*Mocis frugalis*  
Philippines  
    *Nomuraea rileyi* 1762

*Mocis latipes*  
Brazil, Goiás  
    *Conidiobolus coronatus* 1884

Mexico  
    *Isaria tenuipes* 6889

*Naranga* sp.  
Indonesia, Jawa Tengah, Java  
    *Nomuraea rileyi* 2345

*Panolis flammea*  
United Kingdom  
    *Batkoia* sp. 6179

*Beauveria bassiana* 6100 6101 6177  
        6178

*Plathypena scabra*  
USA, Florida  
    *Nomuraea rileyi* 6871 6881

USA, Missouri  
    *Nomuraea rileyi* 762

*Plusia* sp.  
Japan  
    *Nomuraea rileyi* 1047

*Plusiinae* sp.

Brazil, Paraná  
    *Nomuraea rileyi* 6781 6785 6879

*Prodenia litura*

Japan  
    *Nomuraea rileyi* 1014

*Pseudaletia* sp.

Canada, Ontario  
    *Entomophaga aulicæ* 1999

*Pseudoplusia includens*

USA, Alabama  
    *Erynia* sp. 2027

USA, Florida  
    *Nomuraea rileyi* 6866 6882

*Pseudoplusia ni*

Brazil  
    *Acremonium roseum* 1964

*Rachiplusia nu*

Argentina  
    *Aspergillus* sp. 5205

Brazil, Rio Grande do Sul  
    *Nomuraea rileyi* 2206

*Raghuva albipunctella*

Senegal  
    *Fusarium nygamai* 2316

*Rivula atimeta*

Philippines  
    *Isaria farinosa* 2344  
    *Nomuraea rileyi* 1756 1757 1758  
        1759 1760 2395

*Sesamia calamistis*

Benin  
    *Beauveria bassiana* 5649 5654

*Sesamia cretica*

Italy  
    *Beauveria bassiana* 1118

*Sesamia inferens*

Indonesia, Jawa Barat, Java  
    *Zoophthora radicans* 2411

Japan  
    *Paecilomyces* sp. 1008

*Simyra henrici*

USA, Florida  
    *Beauveria bassiana* 5988

*Spodoptera* sp.

Australia  
    *Nomuraea rileyi* 323 358 380

Brazil, Goiás  
    *Nomuraea rileyi* 935

India  
    *Nomuraea rileyi* 6867

Location not specified  
    *Isaria farinosa* 2546

Malaysia  
    *Metarhizium anisopliae* var. *majus*  
        8736

*Metarhizium anisopliae* sensu lato  
        8735

Philippines  
    *Fusarium* sp. 2736

*Isaria fumosorosea* 2734

*Metarhizium pingshaense* 2735

*Spodoptera exigua*

Thailand  
    *Nomuraea rileyi* 539

**Lepidoptera: Noctuidae****Lepidoptera: Pyralidae****Fungus by Host and Location**

<i>Spodoptera frugiperda</i>	<i>Metarhizium anisopliae</i> sensu lato	<i>Beauveria bassiana</i> 2727 2728 2729
Brazil	1059	<i>Beniowskia</i> sp. 2751
<i>Nomuraea rileyi</i> 4094	<i>Metarhizium robertsii</i> 1057	<i>Conidiobolus coronatus</i> 2730
Brazil, Bahia	<i>Purpureocillium lilacinum</i> 1058	<i>Conidiobolus firmipilleus</i> 2731
<i>Nomuraea rileyi</i> 1972		<i>Conidiobolus</i> sp. 2771 2772 2815
Brazil, Paraná		2816 3208 2776
<i>Evlachovaea</i> sp. 959		<i>Geotrichum</i> sp. 2752
<i>Nomuraea rileyi</i> 6735 6768 6769		<i>Isaria fumosorosea</i> 2749
6770 6771 6772 6773 6774	<i>Purpureocillium lilacinum</i> 5805	<i>Pandora blunckii</i> 2824 3200 3202
Mexico		<i>Pandora</i> sp. 3201 3203 2821
<i>Beauveria bassiana</i> 3288		<i>Zoophthora radicans</i> 2732 2893
<i>Beauveria</i> sp. 3289 3300		3204 3205 3206
<i>Isaria tenuipes</i> 2488 2489 2490 2491		Romania
<i>Metarhizium anisopliae</i> sensu lato		<i>Isaria fumosorosea</i> 5874
3293		<i>Metarhizium robertsii</i> 5873
<i>Metarhizium brunneum</i> 3294		USA, New York
<i>Nomuraea rileyi</i> 3301 11939 11941		<i>Beauveria bassiana</i> 4525 4526 4527
11942 11943		4528 4529 4530 4531 4532 4533
<i>Spodoptera littoralis</i>		4534 4535 4536 4537 4538 4539
France		4540 4543 6150 6151 6152 6153
<i>Beauveria bassiana</i> 1512 1513 3286		<i>Metarhizium anisopliae</i> sensu lato
<i>Spodoptera litura</i>		4522
India		
<i>Beauveria bassiana</i> 6646 6647 6648		<b>Lepidoptera: Pyralidae</b>
6650		Russian Federation
<i>Fusarium</i> sp. 6649		<i>Sporothrix insectorum</i> 9501
<i>Metarhizium anisopliae</i> sensu		<i>Acigona</i> sp.
stricto 10473		Benin
<i>Nomuraea rileyi</i> 6645		<i>Beauveria bassiana</i> 5647 5648
<i>Trichoplusia ni</i>		<i>Chilo infuscatellus</i>
Mexico		India
<i>Zoophthora radicans</i> 6003		<i>Beauveria</i> sp. 1886
<b>Lepidoptera: Noctuidae: Plusiinae</b>		<i>Chilo plejadellus</i>
Brazil, Paraná		Australia
<i>Beauveria bassiana</i> 3937		<i>Beauveria bassiana</i> 326
<b>Lepidoptera: Notodontidae</b>		<i>Chilo sacchariphagus</i>
<i>Ellida caniplaga</i>		Mozambique
Canada, Ontario		<i>Fusarium</i> sp. 7045 7046
<i>Entomophaga aulicae</i> 2903		<i>Chilo sacchariphagus indicus</i>
<i>Heterocampa</i> sp.		India
Canada, Ontario		<i>Fusarium subglutinans</i> 2142
<i>Entomophaga aulicae</i> 2902		<i>Cnaphalocrocis medinalis</i>
<i>Heterocampa biundata</i>		Indonesia, Jawa Barat, Java
Canada, Ontario		<i>Zoophthora radicans</i> 2410
<i>Entomophaga aulicae</i> 2905		Philippines
<i>Heterocampa guttivitta</i>		<i>Beauveria bassiana</i> 2041
Canada, Ontario		<i>Nomuraea rileyi</i> 1761 2174
<i>Entomophaga aulicae</i> 2904		Unidentified sp. 1703
<i>Heterocampa</i> sp.		<i>Zoophthora radicans</i> 1699
Canada, Ontario		<i>Coniesta</i> sp.
<i>Entomophaga aulicae</i> 2905		Benin
<i>Quadicalcarifera punctatella</i>		<i>Beauveria bassiana</i> 5646
Japan		<i>Corypha cephalonica</i>
<i>Isaria farinosa</i> 1042		Philippines
<b>Lepidoptera: Nymphalidae</b>		<i>Mixed Culture</i> sp. 2738
United Kingdom		<i>Diaphania hyalinata</i>
<i>Isaria farinosa</i> 981		Mexico
<i>Agraulis vanillae</i>		<i>Isaria fumosorosea</i> 3302
Colombia		<i>Diatraea saccharalis</i>
<i>Isaria tenuipes</i> 6788		Argentina
<i>Chlosyne lacinia saundersii</i>		<i>Beauveria bassiana</i> 5500 5502
Brazil, Paraná		Brazil
<i>Isaria farinosa</i> 1065		<i>Beauveria bassiana</i> 1832 1834 3858
		Brazil, Pernambuco
		<i>Beauveria bassiana</i> 1484 2629 3020
		Brazil, São Paulo
		<i>Beauveria brongniartii</i> 1830

## Fungus by Host and Location

**Lepidoptera: Pyralidae**  
**Lepidoptera: Sesiidae**

Mexico	<i>Beauveria</i> sp. 7562 7563 7564 7565 7566 7567 5560	USA, North Carolina
<i>Cylindrocarpon</i> sp. 8043 8044	<i>Isaria farinosa</i> 7570	<i>Isaria farinosa</i> 8770
<i>Metarhizium anisopliae</i> sensu lato	11656	<i>Metarhizium anisopliae</i> sensu lato 8769
3290 3291 3292	<i>Isaria fumosorosea</i> 11657 11658	<i>Scopulariopsis brevicaulis</i> 9943
Unidentified sp. 3298 3299 3804	11659	USA, Oregon
<i>Dioryctria sylvestrella</i>	<i>Lecanicillium muscarium</i> 7568	<i>Beauveria bassiana</i> 7356 7357 7358
Japan	<i>Metarhizium anisopliae</i> sensu lato	7359 7362 7364 7365
<i>Beauveria bassiana</i> 1001	5369 5513 5514 5515 5516 5517	<i>Metarhizium</i> sp. 4998 5000 5076
<i>Hirsutella satsumaensis</i> 996	5518 5519 5521 5554 5555 5556	5077
<i>Dioryctria zimmermani</i>	6475 7014 7015 7016 7017 7018	Unidentified / Hyphomycetes 5199
USA, Michigan	7019 7020 7021 7022 7023 7024	USA, Washington
<i>Hirsutella nodulosa</i> 5473	7025 7026 7569 7570 7571 7572	<i>Beauveria</i> sp. 5078 4997 4999 5001
<i>Elasmopalpus lignosellus</i>	7573 11661	<i>Gymnancyla canella</i>
USA, Texas	<i>Metarhizium brunneum</i> 6474	France
<i>Trichoderma</i> sp. 5730	<i>Metarhizium robertsii</i> 6476	<i>Beauveria bassiana</i> 6796
<i>Eldana saccharina</i>	Portugal	<i>Ostrinia nubilalis</i>
Benin	<i>Metarhizium anisopliae</i> sensu lato	France
<i>Beauveria bassiana</i> 5645 5653 5655	4904 4905 4906	<i>Isaria farinosa</i> 3983
<i>Beauveria bassiana</i> (?) 5644	<i>Metarhizium robertsii</i> 4903	<i>Metarhizium anisopliae</i> sensu stricto 1489
<i>Eoreuma loftini</i>	Switzerland	Italy
USA, Texas	<i>Isaria farinosa</i> 7531	<i>Beauveria bassiana</i> 1121
<i>Aspergillus parasiticus</i> 5470	Turkey	PR China
<i>Metarhizium anisopliae</i> sensu lato	<i>Beauveria bassiana</i> 8339 8340 8343	<i>Beauveria bassiana</i> 501 502 533 652
5469	8349 8354 8355 8431 8444 8661	USA, New York
<i>Metarhizium anisopliae</i> sensu	8663 8664 8666 8667 8670 8672	<i>Beauveria bassiana</i> 1038
stricto 5471	8673 8674	<i>Lecanicillium muscarium</i> 900
<i>Galleria mellonella</i>	<i>Beauveria</i> sp. 8675 8439 8441 8442	USA, Pennsylvania
<i>Beauveria bassiana</i> 6894	8449	<i>Beauveria bassiana</i> 2976
<i>Beauveria bassiana</i> (?) 6892	<i>Isaria fumosorosea</i> 8333 8337 8345	<i>Pyrausta machaeralis</i>
<i>Isaria fumosorosea</i> 6893	8348 8448	India
Australia	<i>Metarhizium anisopliae</i> sensu lato	<i>Metarhizium globosum</i> 2596
<i>Metarhizium anisopliae</i> sensu lato	8334 8335 8336 8338 8341 8342	<i>Scirphophaga excerptalis</i>
8560	8344 8346 8347 8350 8351 8352	India
Canada, Alberta	8353 8432 8433 8434 8435 8436	<i>Fusarium subglutinans</i> 2141
<i>Metarhizium anisopliae</i> sensu lato	8437 8438 8440 8443 8445 8446	<i>Terastia meticulosalis</i>
8212	8447 8450 8451 8452 8453 8454	Brazil
Canada, Ontario	8660 8662 8665 8669	<i>Beauveria bassiana</i> 1836
<i>Metarhizium anisopliae</i> sensu lato	<i>Metarhizium brunneum</i> 8671	<b>Lepidoptera: Riodinidae</b>
8680 8681 8682 8683 8684 8685	United Kingdom	<i>Euselasia</i> sp.
8686 8687 8688 8689 8690 8691	<i>Beauveria bassiana</i> 6556	Brazil, Rio Grande do Sul
8692	<i>Metarhizium anisopliae</i> sensu lato	Unidentified sp. 3467 3468
Denmark	6558	<b>Lepidoptera: Saturniidae</b>
<i>Beauveria bassiana</i> 8032 8033 8035	USA	Costa Rica
<i>Beauveria brongniartii</i> 8034	<i>Beauveria bassiana</i> 11613	<i>Beauveria bassiana</i> 843
Greenland	USA, Alaska	<i>Dryocampa rubicunda</i>
<i>Beauveria bassiana</i> 8039 8040	<i>Beauveria bassiana</i> 7955 7956 7957	Canada, Ontario
Iran	7958 7959 7963 7964 7965 7966	<i>Entomophaga auliceae</i> 2897
<i>Beauveria bassiana</i> 6904 6905	7968	<i>Opodiphthera eucalypti</i>
Italy	<i>Beauveria</i> sp. 7960	Australia
<i>Beauveria bassiana</i> 1113 1114	<i>Isaria farinosa</i> 7961 7962	<i>Beauveria bassiana</i> 8843
Mexico	<i>Metarhizium anisopliae</i> sensu lato	<i>Schirius</i> sp.
<i>Metarhizium anisopliae</i> sensu lato	7967	Brazil, Paraná
7612 7613 7614 7615	USA, Arizona	<i>Beauveria bassiana</i> 2962
Nicaragua	<i>Metarhizium anisopliae</i> sensu lato	<b>Lepidoptera: Sesiidae</b>
<i>Purpureocillium lilacinum</i> 8311	7847	South Africa
8312	USA, California	<i>Gliocladium</i> sp. 6632
Norway	<i>Beauveria bassiana</i> 6147 6148 7060	<i>Conopia myopaeformis</i>
<i>Aspergillus flavus</i> (?) 5503 5504	USA, Maine	Italy
5505 5506 5507 5508 5509	<i>Isaria fumosorosea</i> 9380	<i>Isaria farinosa</i> 1108
<i>Beauveria bassiana</i> 5510 7552 7553	USA, Montana	
7554	<i>Beauveria bassiana</i> 6931 6932 6933	
<i>Beauveria brongniartii</i> 7555 7556	6934 6935 6936 6937 6938 6939	
7557 7558 7559 7560 7561	6940 6941 6943 6949 6950 6951	
<i>Beauveria pseudobassiana</i> 5370	6952 6953	
5557		

<i>Monopetalotaxis doloriformis</i>	<i>Fusarium</i> sp. 3976	<b>Neuroptera: Chrysopidae</b>
South Africa	<i>Isaria farinosa</i> 5883 5884 5885 6200	<i>Chrysopa</i> sp.
<i>Beauveria bassiana</i> 6974 6975 6976	6202	Commonwealth of Independent States
6977 6981	<i>Isaria fumosorosea</i> 6203 6204	<i>Beauveria bassiana</i> 153
<i>Beauveria pseudobassiana</i> 6971	<i>Paecilomyces</i> sp. 6193 6198	
<b>Lepidoptera: Stenomatinae</b>	Italy	<b>Odonata: Coenagrionidae</b>
<i>Stenoma decora</i>	<i>Beauveria bassiana</i> 1122	PR China
Brazil, Bahia	<i>Lecanicillium lecanii</i> (?) 1109	<i>Beauveria bassiana</i> 11711
<i>Beauveria bassiana</i> 1479	Portugal	
	<i>Beauveria pseudobassiana</i> 3220	<b>Odonata: suborder Anisoptera</b>
<b>Lepidoptera: Thaumetopoeidae</b>	Republic of Georgia	USA, New York
<i>Thaumetopoea pityocampa</i>	<i>Beauveria</i> sp. 6533 6534 6535 6536	<i>Beauveria bassiana</i> 4688
Turkey	6537	
<i>Beauveria bassiana</i> 8356	United Kingdom	<b>Orthoptera</b>
	<i>Isaria farinosa</i> 975	Brazil, Goiás
<b>Lepidoptera: Tineidae: Archolophinae</b>	<i>Eana argentana</i>	<i>Metarhizium anisopliae</i> sensu lato
USA, Tennessee	Japan	728
<i>Cordyceps cardinalis</i> 7192 7193	<i>Erynia</i> sp. 1143	Mali
<b>Lepidoptera: Tortricidae</b>	<i>Epinotia aporema</i>	<i>Aspergillus niger</i> 3143
USA, Massachusetts	Argentina	PR China
<i>Beauveria bassiana</i> 5169	<i>Zoophthora radicans</i> 5814	<i>Beauveria bassiana</i> 6231 9598
<i>Adoxophyes orana</i>	Uruguay	<i>Metarhizium anisopliae</i> sensu lato
Japan	<i>Conidiobolus coronatus</i> 4797	6237
<i>Lecanicillium muscarium</i> 994	<i>Zoophthora radicans</i> 4781 4782	USA
<i>Choristoneura</i> sp.	4784 4785	<i>Beauveria bassiana</i> 3622
Canada, British Columbia	<i>Epiphyas postvittana</i>	USA, Hawaii
<i>Beauveria bassiana</i> 1850	New Zealand	<i>Beauveria bassiana</i> 8704
<i>Choristoneura fumiferana</i>	<i>Paecilomyces</i> sp. 309	
Canada, New Brunswick	USA, California	<b>Orthoptera: ?Gryllacrididae</b>
<i>Tolypocladium inflatum</i> 3321	<i>Fusarium</i> sp. 10470	USA, Tennessee
Canada, Newfoundland	<i>Hedya nubiferana</i>	<i>Beauveria amorphia</i> 6376 6577
<i>Entomophaga aulicae</i> 2896 2898	France	
Canada, Ontario	<i>Beauveria bassiana</i> 6199	<b>Orthoptera: Acrididae</b>
<i>Entomophaga aulicae</i> 1992 1993	<i>Laspeyresia medicaginis</i>	Australia
1994 1995 1997 1998 2901	France	<i>Beauveria australis</i> 4580 4622
<i>Zoophthora radicans</i> 407	<i>Isaria farinosa</i> 1225	<i>Beauveria bassiana</i> 356 357 8578
USA, Maine	<i>Lobesia botrana</i>	8579
<i>Conidiobolus</i> sp. 92 93 94 147 148	Italy	<i>Metarhizium anisopliae</i> sensu lato
<i>Entomophaga aulicae</i> 51 164 165	<i>Beauveria bassiana</i> 1107 1110	8608 8609
166 167 168 172	<i>Isaria farinosa</i> 1111	Brazil, Bahia
<i>Hirsutella longicolla</i> var. <i>cornuta</i>	<i>Metarhizium brunneum</i> 1112	<i>Beauveria bassiana</i> 1959
177 178	<i>Merophysa divulsana</i>	Brazil, Paraná
<i>Zoophthora radicans</i> 21 44 45 50 52	Australia	<i>Beauveria bassiana</i> 1053
88 141 142 143 144 145 146 163	<i>Zoophthora radicans</i> 1082	Ecuador
221 223 224 225 226 227 228 229	<i>Ptycholoma aeriferana</i>	<i>Metarhizium flavoviride</i> var. <i>minus</i>
230 231 232 233 234 235	Japan	2023
<i>Cydia pomonella</i>	<i>Zoophthora radicans</i> 1674 1675	France
<i>Beauveria bassiana</i> 7969	<i>Rhyacionia frustrana</i>	<i>Beauveria bassiana</i> 1326
Australia	USA, Georgia	Japan
<i>Lecanicillium muscarium</i> (?) 1032	<i>Beauveria bassiana</i> 5573	<i>Entomophaga asiatica</i> 1393
Bulgaria	<i>Tortrix viridana</i>	Madagascar
<i>Beauveria bassiana</i> 6187 6194 6195	France	<i>Beauveria bassiana</i> 5737 5738
6208 6209	<i>Zoophthora radicans</i> 68	<i>Metarhizium anisopliae</i> var.
<i>Beauveria pseudobassiana</i> 6181	Russian Federation	<i>acridum</i> 5734
<i>Isaria farinosa</i> 6207	<i>Lecanicillium</i> sp. 9458	<i>Metarhizium acridum</i> 5735
<i>Isaria fumosorosea</i> 6192		Mali
Canada, Québec	<b>Lepidoptera: Yponomeutidae</b>	<i>Fusarium acuminatum</i> 3218
<i>Lecanicillium muscarium</i> 6591	<i>Yponomeuta</i> sp.	PR China
France	France	<i>Beauveria bassiana</i> 6230 6232
<i>Beauveria bassiana</i> 151 3972 3973	Unidentified sp. 3998	11713 11720
3974 3975 3977 3978 3979 5064	<i>Yponomeutidae</i> sp.	Republic of Georgia
5066 5067 5229 5230 5231 5233	France	<i>Beauveria bassiana</i> 8695
5234 5235 5886 5887 5888 6182	<i>Beauveria bassiana</i> 3966 3967 3968	Republic of Korea
6184 6186 6189 6191 6196 6201	3969 3970	<i>Beauveria bassiana</i> 7235 7250
<i>Beauveria pseudobassiana</i> 6185	<i>Beauveria pseudobassiana</i> 3965	<i>Cordyceps</i> sp. 4854
		Russian Federation
		<i>Beauveria</i> sp. 4197

USA, Hawaii	<i>Locusta migratoria</i>	<i>Melanoplus femur-rubrum</i>
<i>Beauveria bassiana</i> 7030	Australia	USA, Montana
USA, Montana	<i>Beauveria bassiana</i> 8846	<i>Beauveria bassiana</i> sensu lato
<i>Beauveria</i> sp. 32	<i>Locusta migratoria capito</i>	12366 12373 12374 12398 12399
<i>Conidiobolus thrombooides</i> 22	Madagascar	12400 12401 12405
? <i>Melanoplus</i> sp.	<i>Metarhizium acridum</i> 5736	USA, North Dakota
USA, Montana	<i>Melanoplus</i> sp.	<i>Beauveria bassiana</i> 12204
<i>Sorosporella</i> sp. 377	Greece	<i>Beauveria bassiana</i> sensu lato
<i>Acrotylus</i> sp.	<i>Beauveria bassiana</i> 3866 3897 5273	12261 12267 12270 12292 12324
Pakistan	Spain	12325 12327 12331 12387 12392
<i>Metarhizium anisopliae</i> sensu lato	<i>Aspergillus</i> sp. 1152	12393
3605	USA	<i>Melanoplus flavidus</i>
<i>Aiolopus longicornis</i>	<i>Beauveria bassiana</i> 3620	USA, Wyoming
Ethiopia	USA, Montana	<i>Entomophaga calopteni</i> 383
6449 6445 6446 6447 6450 6451	<i>Beauveria bassiana</i> 12209	<i>Melanoplus infantilis</i>
6452 6455	USA, North Dakota	USA, North Dakota
<i>Simplicillium lamellicola</i> 6448	<i>Beauveria bassiana</i> 12221 12223	<i>Beauveria bassiana</i> 12231
<i>Aulocara ellioti</i>	12224 12225	<i>Melanoplus packardii</i>
USA, North Dakota	<i>Beauveria bassiana</i> sensu lato	USA, Arizona
<i>Beauveria bassiana</i> 12207 12213	12297	<i>Entomophaga calopteni</i> 625
12214 12232 12233 12234 12235	<i>Melanoplus bivittatus</i>	<i>Melanoplus sanguinipes</i>
12236	Canada, Alberta	USA, Montana
<i>Beauveria bassiana</i> sensu lato	<i>Beauveria bassiana</i> 8213	<i>Beauveria bassiana</i> sensu lato
12253 12263 12269 12274 12275	USA, Arizona	12360 12361 12362 12363 12364
12276 12277 12278 12279 12284	<i>Entomophaga calopteni</i> 497	12365 12368 12371 12375 12377
12287 12288 12289 12290 12291	USA, Montana	12402 12407
12293 12294 12295 12296 12299	<i>Beauveria bassiana</i> sensu lato	USA, North Dakota
12301 12302 12303 12306 12307	12356 12357 12358 12359 12367	<i>Beauveria bassiana</i> 12197 12198
12309 12323 12336	12369 12370 12376 12397 12403	12199 12201 12202 12203 12205
<i>Aulocara femoratum</i>	12404	12206 12212 12215 12216 12217
USA, North Dakota	<i>Entomophaga calopteni</i> 408	12222 12226 12227 12228 12229
<i>Beauveria bassiana</i> sensu lato	USA, North Dakota	12239
12262 12266 12280 12281	<i>Beauveria bassiana</i> 12196 12200	<i>Beauveria bassiana</i> sensu lato
<i>Austracris guttulosa</i>	<i>Beauveria bassiana</i> sensu lato	12256 12257 12259 12260 12272
Australia	12252 12254 12255 12258 12265	12273 12286 12300 12310 12311
<i>Beauveria bassiana</i> 8751 8752	12268 12271 12308 12332 12379	12313 12314 12315 12316 12317
<i>Metarhizium anisopliae</i> var.	12380 12389	12318 12319 12320 12321 12322
<i>acridum</i> 7970 8359	USA, South Dakota	12326 12328 12329 12330 12333
<i>Metarhizium acridum</i> 324 4605	<i>Entomophaga calopteni</i> 498	12335 12337 12378 12381 12382
<i>Cannula pellucida</i>	USA, Wyoming	12383 12384 12385 12386 12388
USA, Arizona	<i>Entomophaga calopteni</i> 390	12390 12394 12395
<i>Entomophaga macleodii</i> 496 618	<i>Melanoplus confusus</i>	<i>Ornithacris cavroisi</i>
619 620 621 624 628 629 765 767	USA, Montana	Niger
768 769 773 774 777 778 779	<i>Beauveria bassiana</i> 12208 12210	<i>Metarhizium acridum</i> 3341 7486
USA, North Dakota	12211	Oxya multidentata
<i>Beauveria bassiana</i> sensu lato	<i>Beauveria bassiana</i> sensu lato	Pakistan
12285	12372 12406	<i>Metarhizium anisopliae</i> sensu lato
USA, Oregon	USA, North Dakota	3619
<i>Entomophaga macleodii</i> 4948 4949	<i>Beauveria bassiana</i> 12218	Oxyops vittiosa
4950 4951 4952 4953	<i>Beauveria bassiana</i> sensu lato	Australia
<i>Chortoicetes terminifera</i>	12264 12282 12298 12303 12304	<i>Beauveria bassiana</i> 5987
Australia	12312 12334 12391	Parapodisma sp.
<i>Metarhizium flavoviride</i> 8758	<i>Melanoplus cuneatus</i>	Japan
<i>Dissosteira carolina</i>	USA, Arizona	<i>Entomophaga asiatica</i> 1659
Canada, Ontario	<i>Entomophaga calopteni</i> 623 626	Patanga succincta
<i>Entomophaga macleodii</i> 375 376	646	Thailand
USA, New York	<i>Melanoplus dawsonii</i>	<i>Metarhizium acridum</i> 3609
<i>Entomophaga macleodii</i> 382 499	USA, North Dakota	Phaulacridium vittatum
<i>Hadrotettix</i> sp.	<i>Beauveria bassiana</i> 12220 12230	Australia
USA, North Dakota	12237 12238	<i>Beauveria pseudobassiana</i> 4150
<i>Beauveria bassiana</i> sensu lato	<i>Melanoplus differentialis</i>	<i>Metarhizium anisopliae</i> sensu lato
12283	USA, Kansas	7862
<i>Hieroglyphus banian</i>	<i>Entomophaga calopteni</i> 2522	<i>Metarhizium pingshaense</i> 7415
India		7416
<i>Penicillium</i> sp. 5335		

**Orthoptera: Acrididae**  
**Thysanoptera: Thripidae**

**Fungus by Host and Location**

<i>Phoetaliotes nebrascensis</i>	Australia	<b>Phthiraptera: Anoplura</b>
USA, North Dakota		USA, New York
<i>Beauveria bassiana</i> 12219		<i>Pochonia chlamydosporia</i> var. <i>chlamydosporia</i> 11801
<i>Praxibulus</i> sp.		
Australia		<b>Plecoptera: Capniidae</b>
<i>Entomophaga praxibuli</i> 840		<i>Allocapnia granulata</i>
<i>Pseudosiphonotus savignyi</i>		USA, Missouri
Oman		<i>Capniomyces stellatus</i> 9258
<i>Metarhizium guizhouense</i> 3611		
<i>Metarhizium pingshaense</i> 3610		<b>Plecoptera: Gripopterygidae</b>
<i>Rhammatocerus schistocercoides</i>		Argentina
Brazil, Mato Grosso		<i>Smittium</i> sp. 9119
<i>Beauveria bassiana</i> 7983		
<i>Schistocerca gregaria</i>		<b>Psocoptera: Ectopsocidae</b>
Ethiopia		<i>Ectopsocus</i> sp.
<i>Beauveria bassiana</i> 5633 5634 5635		Argentina
5636 5637 5638 5639 5640 5641		<i>Hirsutella citriformis</i> 8679
5642 5643		
<i>Metarhizium anisopliae</i> sensu lato		<b>Psocoptera: Pseudocaeciliidae</b>
5628		<i>Heteroecaecilius</i> sp.
<i>Metarhizium anisopliae</i> sensu		Argentina
stricto 7487		<i>Hirsutella citriformis</i> 8677 8678
Laboratory manipulation		
<i>Metarhizium anisopliae</i> sensu lato		<b>Thysanoptera: Phlaeothripidae</b>
3127		<i>Haplothrips tritici</i>
<i>Schistocerca piceifrons</i>		Spain
Mexico		<i>Beauveria bassiana</i> 4200
<i>Metarhizium acridum</i> 5747 5748		Unidentified sp. 3990 3991 3992
5750		4201
<i>Metarhizium anisopliae</i> sensu lato		<i>Liothrips mikaniae</i>
5746 5749 5752		Trinidad
<i>Metarhizium brunneum</i> 5751		<i>Hirsutella</i> sp. 4513 4514
<b>Orthoptera: Acrididae: Cyrtacanthacridinae</b>		
<i>Kraussaria angulifera</i>		<b>Thysanoptera: Thripidae</b>
Benin		Canada
<i>Metarhizium anisopliae</i> var.		<i>Lecanicillium muscarium</i> 2923
<i>acridum</i> 3614		
<i>Metarhizium acridum</i> 3612		France
Senegal		<i>Lecanicillium longisporum</i> 3701
<i>Metarhizium acridum</i> 6421		United Kingdom
<b>Orthoptera: Acridoidea</b>		<i>Verticillium lecanii</i> 6548
PR China		USA, New Hampshire
<i>Isaria catenobliqua</i> 6283		<i>Evlachovaea</i> sp. 11788 11790
<b>Orthoptera: Catantopidae</b>		<i>Hirsutella rhossiliensis</i> 11820
<i>Calliptamus italicus</i>		<i>Isaria farinosa</i> 11823
Republic of Georgia		USA, New York
<i>Beauveria bassiana</i> 8694 8697		<i>Beauveria bassiana</i> 11848
<i>Metarhizium anisopliae</i> sensu lato		<i>Lecanicillium fusisporum</i> 11787
8696 8698 8701 8702		11808
<i>Metarhizium</i> sp. 8699		USA, Vermont
<b>Orthoptera: Gryllacrididae</b>		<i>Beauveria bassiana</i> 9927 11841
USA, Georgia		11846 11847
<i>Beauveria caledonica</i> 7117		<i>Conidiobolus coronatus</i> 6512 9914
<b>Orthoptera: Gryllidae</b>		<i>Fusarium</i> sp. 9937
Indonesia, Sulawesi Selatan, Celebes		<i>Isaria farinosa</i> 11822
<i>Isaria guaensis</i> 2152		<i>Lecanicillium evansii(?)</i> 11789
<i>Ornebius kanetataki</i>		11791 11792 11793 11794 11809
Japan		<i>Lecanicillium</i> sp. 9930 9931 9935
<i>Metarhizium pingshaense</i> 1009		9936
<i>Teleogryllus commodus</i>		<i>Mariannaea</i> sp. 9932 9933 9934
<i>Metarhizium anisopliae</i> sensu lato		11812 11813
8841 8842		<i>Metarhizium</i> sp. 11839
<b>Orthoptera: Phasmidae</b>		<i>Paecilomyces carneus</i> 11821
PR China		<i>Paecilomyces marquandii</i> 9928 9929
<i>Metarhizium anisopliae</i> sensu lato		<i>Trichoderma</i> sp. 9938

## Fungus by Host and Location

**Thysanoptera: Thripidae**  
**Perissodactyla: Equidae**

<i>Frankliniella occidentalis</i>	
<i>Beauveria bassiana</i> 9588	
<i>Metarhizium anisopliae</i> sensu lato	
9591	
France	
<i>Lecanicillium lecanii</i> 3683 3688	
<i>Lecanicillium lecanii(?)</i> 3689	
<i>Lecanicillium muscarium</i> 3684 3685	
3686 3690 3691	
<i>Lecanicillium muscarium(?)</i> 3687	
Spain	
<i>Beauveria bassiana</i> 3995 3996	
Unidentified sp. 3993 3994 3997	
USA, California	
<i>Beauveria bassiana</i> 9587	
USA, Florida	
<i>Conidiobolus coronatus</i> 3222	
USA, Hawaii	
<i>Acremonium(?)</i> sp. 7031	
USA, Vermont	
Unidentified sp. 3570	
<i>Scirtothrips dorsalis</i>	
India	
<i>Fusarium</i> sp. 7381	
<i>Taeniothrips inconsequens</i>	
Location not specified	
Unidentified sp. 3319	
USA, Connecticut	
<i>Hirsutella</i> sp. 3266	
<i>Mariannaea</i> sp. 3264 3265 3267	
3268 3269 3270	
USA, Massachusetts	
<i>Lecanicillium</i> sp. 3259 3260	
<i>Mariannaea</i> sp. 3261 3262 3263	
USA, New Hampshire	
<i>Acremonium bactrocephalum</i> 10169	
<i>Beauveria bassiana</i> 10139	
<i>Lecanicillium fusisporum(?)</i> 10184	
<i>Lecanicillium muscarium</i> 10178	
<i>Lecanicillium psalliotae</i> 10177	
<i>Lecanicillium</i> sp. 10206 10207	
10302 10303 10304 10305 10306	
<i>Mariannaea</i> sp. 3258 10185 10204	
10205	
Unidentified / Hyphomycetes	
10307	
USA, New York	
<i>Isaria</i> sp. 10162	
<i>Lecanicillium psalliotae</i> 10170	
<i>Lecanicillium</i> sp. 10154	
<i>Mariannaea</i> sp. 3257 10150 10151	
USA, Pennsylvania	
<i>Lecanicillium</i> sp. 3253 3254 3255	
<i>Mariannaea</i> sp. 3252	
USA, Vermont	
<i>Acremonium bactrocephalum</i> 10166	
10167 10168	
<i>Beauveria bassiana</i> 10138 10140	
10143 10144 10145 10147 10148	
<i>Hirsutella</i> sp. 2939 2940 3318 3546	
3548 3553	
<i>Isaria farinosa</i> 3564 10155 10157	
10158 10159 10161	
<i>Isaria</i> sp. 10231 10232 10233 11629	
<i>Lecanicillium psalliotae</i> 10175	
10176 10180 10181 10182	

<i>Lecanicillium psalliotae(?)</i> 10183	
<i>Lecanicillium</i> sp. 10187 10188	
10189 10190 10192 10193 10195	
10196 10197 10198 10199 10200	
10201 10202 10203 10208 10209	
10210 10211 10212 10213 10214	
10287 10288 10289 10290 10291	
10294 10295 10296 10297 10298	
10299 10300 10301	
<i>Mariannaea</i> sp. 2930 3315 3316	
3317 3549 3554 3555 3557 3558	
3559 3562 3563 10152 10153 10194	
<i>Metarhizium anisopliae</i> sensu lato	
10135 10136 10137	
<i>Tolypocladium cylindrospororum</i>	
10146	
Unidentified sp. 3560	
Unidentified / Hyphomycetes	
10191 10282 10283 10284 10285	
10286 10292 10293	
<i>Verticillium</i> sp. 3547 3550 3551	
3552 3556 3561	
<i>Thrips calcaratus</i>	
USA, Wisconsin	
<i>Beauveria pseudobassiana</i> 3216	
<i>Thrips palni</i>	
Trinidad and Tobago	
<i>Hirsutella</i> sp. 4193	
USA, Puerto Rico	
<i>Cladosporium cladosporioides</i> 3375	
<i>Thrips tabaci</i>	
Denmark	
<i>Acremonium psammosporum</i> 4062	
<i>Acremonium</i> sp. 4063	
<i>Lecanicillium lecanii(?)</i> 5580	
Unidentified / Hyphomycetes 3142	
<i>Verticillium lecanii</i> 5709	
Germany	
<i>Entomophthora thripidum</i> 5868	
6517 6518 6519 6520 6521 6522	
6525	
Switzerland	
<i>Neozygites parvispora</i> 5620 5621	
<b>Trichoptera</b>	
Canada, Ontario	
<i>Harpellales, genus undetermined</i>	
9064	
<i>Legeriosimilis</i> sp. 9066	
Canada, Québec	
<i>Erynia curvispora</i> 3244	
Unidentified sp. 3242 3243	
Russian Federation	
<i>Erynia</i> sp. 9537	
Ukraine	
<i>Rotiferophthora angustispora</i> 9498	
United Kingdom	
<i>Erynia rhizospora</i> 1440 1441 1443	
<i>Pandora dipterigena</i> 2406	
USA, Maine	
<i>Erynia rhizospora</i> 219	
USA, New York	
<i>Erynia rhizospora</i> 801 2276	
Wales	
<i>Erynia rhizospora</i> 1442	

<b>Trichoptera: Hydropsychidae</b>	
United Kingdom	

## Chordata • Amphibia

### Anura: Bufonidae

<i>Bufo bufo</i>	
United Kingdom	

### Anura: Dendrobatidae

<i>Dendrobates leucomelas</i>	
Switzerland	

### Anura: Discoglossidae

<i>Alytes</i> sp.	
United Kingdom	

### Anura: Microhylidae

<i>Dyscophus guineti</i>	
Switzerland	

### Anura: Ranidae

<i>Hylarana erythraea</i>	
Malaysia	

<i>Basidiobolus</i> sp. 9890	
<i>Hylarana glandulosa</i>	
Malaysia	

### Caudata: Salamandridae

<i>Triturus marmoratus</i>	
Switzerland	

### Artiodactyla: Bovidae

<i>Ovis aries</i>	
United Kingdom	

### Perissodactyla: Equidae

<i>Equus ferus caballus</i>	
United Kingdom	

**Primates: Hominidae**

<i>Homo sapiens</i>	
Australia	
<i>Metarhizium anisopliae</i> sensu lato	8759
<i>Basidiobolus haptosporus</i>	261 272
Location not specified	
<i>Basidiobolus</i> sp.	273
Nigeria	
<i>Conidiobolus coronatus</i>	206
USA, New Mexico	
<i>Beauveria bassiana</i>	8601
USA, Texas	
<i>Conidiobolus</i> sp.	2928
USA, Wisconsin	
<i>Beauveria bassiana</i>	8602

**Cnidaria • Anthozoa**

**Alcyonacea: Gorgoniidae**

<i>Gorgia ventralina</i>	
Netherlands	
<i>Aspergillus sydowii</i>	8381
The Bahamas	
<i>Aspergillus sydowii</i>	8380
USA, Florida	
<i>Aspergillus sydowii</i>	8379 8382

**Nemata • Secernentea**

**Aphelenchida: Aphelenchoididae**

<i>Aphelenchooides</i> sp.	
USA, New York	
<i>Haptocillium balanoides</i>	3173
Sterile mycelium	3735

**Dorylaimida: Longidoridae**

<i>Xiphinema</i> sp.	
USA, Pennsylvania	
<i>Catenaria anguillulae</i>	2015
<i>Leptolegnia</i> sp.	2004
<i>Xiphinema americanum</i>	
USA, Pennsylvania	
<i>Aphanomyces</i> sp.	2005
<i>Xiphinema rivesi</i>	
USA, Pennsylvania	
<i>Lagenidium caudatum</i>	2003

**Rhabditida: Rhabditidae**

<i>Bunonema</i> sp.	
Japan	
<i>Nematoctonus</i> sp.	5663
<i>Cruznema lambdiense</i>	
USA, Tennessee	
<i>Macrobiotrophthora vermicola</i>	650

**Tylenchida: Criconematidae**

<i>Criconemella curvata</i>	
USA, Pennsylvania	
<i>Hirsutella rhossiliensis</i>	2007
<i>Criconemella xenoplax</i>	
USA, California	
<i>Hirsutella rhossiliensis</i>	3747 3748
3750 3754	
USA, Pennsylvania	
<i>Hirsutella rhossiliensis</i>	2006 2008
3744 3746	

**Tylenchida: Heteroderidae**

<i>Heterodera glycines</i>	
PR China	
<i>Hirsutella minnesotensis</i>	7288 7289
7290 7291 7294	
<i>Hirsutella rhossiliensis</i>	7286 7287
7292 7293 7295	
<i>Ramicandelaber longisporus</i>	6175
6176	
USA, Arkansas	
Unidentified / Hyphomycetes	5237
5238 5239 5240 5241	
USA, Kentucky	
Unidentified / Hyphomycetes	5244
USA, Mississippi	
Unidentified / Hyphomycetes	5245
5246 5247 5248	
USA, Tennessee	
Unidentified / Hyphomycetes	5242
5243	

*Heterodera humuli*

Germany	
<i>Hirsutella rhossiliensis</i>	2894
<i>Heterodera schachtii</i>	
USA, California	
<i>Drechslerella dactyloides</i>	2934
<i>Hirsutella rhossiliensis</i>	2788 2789
2790 2791 2792 2794 2931 2932	
2933 3761	

*Meloidogyne* sp.

India	
<i>Purpureocillium lilacinum</i>	2233
Peru	
<i>Purpureocillium lilacinum</i>	2183
Philippines	
<i>Purpureocillium lilacinum</i>	2181
2182 2184 2185 2186	
<i>Meloidogyne hapla</i>	
USA, New York	
<i>Drechslerella dactyloides</i>	4955
<i>Arthrobotrys oligospora</i>	4967
<i>Fusarium oxysporum</i>	4963 4964
<i>Fusarium</i> sp.	4956 4962
<i>Harposporium anguillulae</i>	4954
<i>Lecanicillium psalliotae</i>	4960 4965
<i>Monacrosporium cionopagum</i>	4966
<i>Monacrosporium ellipsosporum</i>	4957 4959

**Rotifera • Bdelloidea**

**Bdelloida: Adinetidae**

<i>Adineta</i> sp.	
Japan	
<i>Pseudomeria mucosa</i>	10262
<i>Rotiferophthora</i> sp.	9544
USA, New York	
<i>Pseudomeria mucosa</i>	10272
<i>Rotiferophthora barronii</i>	10267
<i>Rotiferophthora</i> sp.	10266
<i>Triacutus subcuticularis</i>	10260
<i>Adineta vaga</i>	
USA, New York	
<i>Harposporium botuliniforme</i>	10275

**Bdelloida: Habrotrochidae**

<i>Habrotrocha</i> sp.	
Japan	
<i>Rotiferophthora</i> sp.	9545 9546
USA, New York	
<i>Rotiferophthora cylindrospora</i>	9547
9548	
<i>Rotiferophthora denticulospora</i>	9549
9549	
<i>Rotiferophthora</i> sp.	10265
<i>Habrotrocha elusa</i>	
USA, New York	
<i>Harposporium spirosporum</i>	8821
10271	
<i>Pseudomeria mucosa</i>	8993 9383
<i>Rotiferophthora angustispora</i>	8991
<i>Rotiferophthora guttulaspora</i>	10269
<i>Rotiferophthora intermedia</i>	10270
<i>Habrotrocha elusa elusa</i>	
USA, New York	
<i>Pochonia</i> sp.	10261
<i>Rotiferophthora cylindrospora</i>	8992
10273	
<i>Rotiferophthora ovispora</i>	10274
<i>Rotiferophthora</i> sp.	9542 9543 10263
10264	

**Vertebrata • Reptilia**

**Chelonia: Emydidae**

<i>Trachemys scripta</i>	
Spain	
<i>Beauveria bassiana</i> (?)	5990

**Crocodylia: Alligatoridae**

<i>Alligator mississippiensis</i>	
USA, Oklahoma	
<i>Beauveria pseudobassiana</i>	2455

**Squamata: Colubridae**

<i>Elaphe</i> sp.	
Germany	
<i>Schizangiella</i> sp.	2237 2239
<i>Elaphe obsoleta</i>	
USA, Virginia	
<i>Schizangiella serpentis</i>	8000 8047

**Squamata: Viperidae**

<i>Crotalus horridus</i>	
USA, Maryland	
<i>Schizangiella serpentis</i>	203

**Fungi**

**Ascomycota • Eurotiomycetes**

**Eurotiales: Elaphomycetaceae**

<i>Elaphomycetes</i> sp.	
Canada, British Columbia	
<i>Elaphocordyceps ophioglossoides</i>	8013
Russian Federation	
<i>Elaphocordyceps ophioglossoides</i>	9485

USA, New York  
*Elaphocordyceps ophioglossoides*  
 4826 4827 4828 4829 4830 4831  
 4832 4833 4834 4835 4836 4837  
 USA, Oregon  
*Elaphocordyceps capitata* 8009

### Myxomycota • Myxomycetes

**Trichiales: Trichiaceae**  
*Hemitrichia serpula*  
 USA, New York  
*Polycephalomyces tomentosus* 5353

### Ascomycota • Pyrenomycetes

**Sordariales: Nitschkiaceae**  
*Bertia moriformis*  
 New Zealand  
*Neobarya parasitica* 6156

### Basidiomycota • Hymenomycetes

**Agaricales**  
*Volvariella volvacea*  
 USA, Puerto Rico  
*Conidiobolus coronatus* 1147

**Agaricales: Tricholomataceae**  
*Armillaria mellea*  
 Russian Federation  
*Calcarisporium arbuscula* 6155

**Dacrymycetales**  
 USA, New York  
*Conidiobolus coronatus* 3087

### Basidiomycota • Pucciniomycetes

Russian Federation  
*Lecanicillium muscarium* 9471 9472

**Pucciniales: Phragmidiaceae**  
*Phragmidium* sp.  
 Ukraine  
*Lecanicillium muscarium* 7631  
*Lecanicillium muscarium(?)* 9462

### Eumycota • Basidiomycota

**Agaricales: Entolomataceae**  
*Entoloma* sp.  
 USA, New York  
*Lecanicillium flavidum* 4519

### Eumycota • Basidiomycotina

**Uredinales**  
*Hemileia vastatrix*  
 Ethiopia  
*Lecanicillium muscarium* 6699  
 Thailand  
*Verticillium epiphytum* 5250  
*Olivea colebrookeae*  
 India  
*Lecanicillium psalliotae* 5249

**Uredinales: Pucciniaceae**  
*Puccinia striiformis*  
 Germany  
*Verticillium lecanii* 5221

### Hemiptera

### Arthropoda • Insecta

**Hemiptera: Coccoidea**  
*Aschersonia placenta* 7604  
 Brazil, São Paulo  
*Lecanicillium lecanii* 7550  
 Mexico  
*Moelleriella umbospora* 11870  
 11871  
 Panama  
*Ascopolyporus philodendrus* 7354  
*Ascopolyporus villosus* 7355  
*Hypocrella panamensis* 8361  
*Torrubiella piperis* 7232  
 Russian Federation  
*Lecanicillium muscarium* 7633  
*Sporothrix ghanensis* 9500  
 Thailand  
*Hypocrella discoidea* 7681  
*Hypocrella javanica* 7605  
*Hypocrella raciborskii* 7606  
 USA, Puerto Rico  
*Fusarium coccophilum* 7409  
*Lecanicillium lecanii* 7408  
 Unidentified / Hyphomycetes 7386  
 USA, Vermont  
*Lecanicillium* sp. 9177

### Plantae

### Pinophyta • Taxopsida

**Taxales: Taxaceae**  
*Taxus* sp.  
 USA, Vermont  
*Ostracoderma* sp. 5163



## Geographical Origin

### **Antarctica**

*Isaria farinosa* 2975  
*Lecanicillium lecanii(?)* 5136 5137  
 5138  
 Victoria Land  
*Conidiobolus antarcticus* 6913

### **Argentina**

Buenos Aires  
*Aphanocladium* sp. 8457 8458  
*Aspergillus* sp. 5205  
*Beauveria bassiana* 5501 7049 7201  
 7202 7464 7465 7466 7467 7468 7469  
 7471 7776 8368 8369 8370 8371 8459  
 8460 8461 8465 8520 8521 8522 8523  
 8524 8525 8526 8528 8529 8530 8929  
*Beauveria* sp. 7463  
*Conidiobolus coronatus* 7203  
*Conidiobolus* sp. 7786  
*Hirsutella citriformis* 8677 8678 8679  
*Hirsutella* sp. 8378  
*Isaria farinosa* 2971 7777  
*Isaria fumosorosea* 6916 7050 7051  
 7204 7205 8717 8718 8719 8720 8721  
 8723 8724 8725 8726 8727 8728 8729  
 8730 8928  
*Isaria javanica* 7477  
*Lecanicillium lecanii* 7207 7462  
*Lecanicillium longisporum* 7206 7457  
 7458 7459 7461 7783 7784  
*Lecanicillium muscarium* 7460 7781  
 7782 7785  
*Leptolegnia chapmanii* 5499 7787  
*Metarhizium anisopliae* sensu lato  
 7474 7475 7476 8375 8527  
*Metarhizium brunneum* 2974 6120  
*Nomuraea rileyi* 5208 5209 5210 5211  
 5212 6877 7052 7053 7054 7055 7056  
 7149 7479 7480 7481 7482 7483 7778  
*Pandora neoaphidis* 11862 11863  
*Smittium culicetae* 5430 9075 9094  
 9131  
*Smittium culicis* 5431 5432 9004 9031  
*Zoophthora radicans* 5814 6917 7208  
 7455 7788 7789 8466 11860  
*Zoophthora* sp. 7454  
 Córdoba  
*Beauveria bassiana* 7147  
 Corrientes  
*Beauveria bassiana* 8464  
*Metarhizium anisopliae* sensu lato  
 8376 8377  
 Entre Ríos  
*Clonostachys rosea* 7472  
 La Rioja  
*Fusarium* sp. 7473  
 Neuquén  
*Smittium* sp. 9119  
 Río Negro  
*Smittium tronadorium* 9030  
 Santa Fe  
*Beauveria bassiana* 5500 5502  
*Nomuraea rileyi* 7150 7151 7484 7779  
 7780  
*Zoophthora radicans* 11859 11861  
 Santiago del Estero  
*Nomuraea rileyi* 2465 7148

### *Purpureocillium lilacinum* 7478

Tucumán  
*Beauveria bassiana* 2010 2011 2457  
 2509 2515 2516 7470 8372 8373 8374  
 8462 8463  
*Clonostachys rosea* 7200  
*Hirsutella thompsonii* 2012 2464  
*Lecanicillium longisporum* 2460  
*Lecanicillium* sp. 2009  
*Metarhizium robertsii* 3925  
*Nomuraea rileyi* 2013 2466

### **Australia**

*Conidiobolus* sp. 2924 2925 2926 2927  
*Culicinomyces clavisporus* 2622  
*Hirsutella rhossiliensis* 3879  
*Lecanicillium muscarium(?)* 1032  
*Metarhizium anisopliae* sensu lato  
 438 4125  
*Metarhizium brunneum* 4228  
*Metarhizium pingshaense* 437  
*Pandora neoaphidis* 381  
 Australian Capital Territory  
*Aspergillus parasiticus* 4128  
*Beauveria bassiana* 7853 8578 8579  
*Metarhizium anisopliae* sensu lato  
 7863 8059 8502 8560 8561 8562 8608  
 8609 8837 8838  
*Metarhizium majus* 473  
*Pandora neoaphidis* 835  
 Avoca  
*Metarhizium anisopliae* sensu lato  
 4299  
*Metarhizium frigidum* 4294

### Macquarie Island

*Beauveria bassiana* 4289  
*Metarhizium anisopliae* sensu lato  
 4343 4344 4345 4569 4570  
 New South Wales  
*Ascospaera duoformis* 5141  
*Ascospaera* sp. 7368  
*Aspergillus flavus* 4126  
*Aspergillus parasiticus* 4129  
*Aspergillus tamarii* 4127  
*Batkoia apiculata* 839  
*Beauveria bassiana* 300 356 357 4130  
 4589 4607 7813 8493 8753 8763 8843  
 8846 8853 8854  
*Conidiobolus coronatus* 471  
*Conidiobolus obscurus* 354 824 834  
*Culicinomyces clavisporus* 644 645  
 2471 2472 2473 2474 2475 2476 2477  
 2478  
*Entomophaga praxibuli* 840  
*Isaria fumosorosea* 8892

*Metarhizium anisopliae* sensu lato  
 4242 4568 4574 4777 4778 4779 4780  
 7498 7499 7500 7503 7814 7820 7821  
 7822 7823 7862 8060 8061 8062 8063  
 8064 8067 8068 8069 8070 8071 8072  
 8073 8074 8075 8080 8081 8082 8083  
 8084 8085 8086 8087 8088 8089 8090  
 8091 8092 8093 8094 8095 8096 8097  
 8229 8230 8231 8232 8233 8234 8235  
 8236 8492 8495 8503 8504 8505 8506  
 8507 8508 8509 8510 8511 8512 8513

### *8514 8515 8516 8517 8518 8531 8532*

*8533 8534 8535 8536 8537 8538 8539*  
*8540 8541 8542 8575 8759 8764 8765*  
*8766 8767 8829 8844*  
*Metarhizium anisopliae* sensu stricto  
 7432  
*Metarhizium brunneum* 472  
*Metarhizium flavoviride* 8758  
*Metarhizium frigidum* 7436 7437 7438  
 7439 7440 7441 7442 7443 7444 7445  
 7446 7447 7448  
*Metarhizium guizhouense* 4588 7502  
*Metarhizium majus* 4566 4601  
*Metarhizium pingshaense* 7414 7415  
 7416  
*Metarhizium robertsii* 4241 4621 7413  
 7501  
*Metarhizium* sp. 7495 8851 8852 8855  
 8856 8857  
*Nomuraea anemonoides* 2467  
*Pandora kondoiensis* 828 836 837  
*Pandora neoaphidis* 827 829 838  
*Penicillium* sp. 4263  
*Smittium culisetae* 9025  
*Zoophthora radicans* 359 370 823

### Northern Territory

*Metarhizium anisopliae* sensu lato  
 8581 8584 8585 8587 8588 8589 8590  
 8591 8745 8746 8747 8768  
*Metarhizium anisopliae* sensu stricto  
 7430

### Queensland

*Ascospaera apis* 5142  
*Ascospaera arienoides* 5143  
*Ascospaera solina* 5146  
*Ascospaera subcuticulata* 5145  
*Beauveria bassiana* 325 326 5987 7891  
 8065 8066 8751 8752 8891  
*Conidiobolus coronatus* 349  
*Ophiocordyceps heteropoda* 1880  
*Crypticola clavulifera* 1940  
*Culicinomyces bisporalis* 1948 1949  
*Culicinomyces clavisporus* 2480 2481  
*Entomophaga australiensis* 328 331  
 365  
*Entomophthora chromaphidis* 1860  
 1862 1863  
*Isaria fumosorosea* 6799 6800  
*Lagenidium giganteum* 2529 2530  
 2531 2532  
*Metarhizium anisopliae* var. *acridum*  
 7522 7970 8359

### Metarhizium acridum

324 4605  
*Metarhizium anisopliae* var. *lepidiotae*  
 7453 8732  
*Metarhizium anisopliae* sensu lato  
 7411 7451 7452 7496 7504 7816 7817  
 7818 7819 7824 7825 7826 7827 7828  
 7829 7830 7831 7832 7833 7834 7835  
 7836 7837 7838 7839 7840 7841 7842  
 7843 7844 7846 7854 7855 7856 7857  
 7858 7859 7860 7861 7864 7865 7867  
 7868 7892 7893 7894 7895 7896 7897  
 7898 7899 7900 7901 7902 7903 7904  
 7905 7906 7907 7908 7909 7910 7911  
 7912 7913 7914 7915 7916 7917 7918

7919 7920 7926 7931 8496 8497 8500  
 8558 8559 8563 8564 8565 8566 8567  
 8577 8582 8583 8586 8592 8610 8615  
 8616 8617 8618 8619 8620 8621 8622  
 8731 8733 8734 8744 8754 8755 8761  
 8762 8823 8824 8828 8833 8834 8839  
 8845 8847 8850 10469

*Metarhizium anisopliae* sensu stricto  
 7418 7419 7423 7426 7427 7428 7450

*Metarhizium guizhouense* 7420

*Metarhizium lepidiotae* 7412 7488

*Metarhizium majus* 7505

*Metarhizium pingshaense* 7410 7417  
 7421 7422 7425 7429

*Metarhizium robertsii* 7449

*Nomuraea rileyi* 323 358 380

*Pandora blunckii* 3075

*Pandora kondoiensis* 369 825

*Pandora nouyi* 362

*Paraisaria dubia* 5764

*Pseudogibellula formicarum* 5765  
 5766

*Zoophthora radicans* 1082

**South Australia**

*Beauveria pseudobassiana* 4273

*Metarhizium anisopliae* sensu lato  
 4132 4133 4139 7845 8570 8571 8572  
 8573 8574 8611

*Metarhizium brunneum* 346 4131

**Tasmania**

*Beauveria amorpha* 4149

*Beauveria australis* 4580 4598 4622

*Beauveria bassiana* 4135 4136 4258  
 4276 4305 4616 4672 4685 4744 8835  
 8836

*Beauveria caledonica* 4302

*Beauveria malawiensis* 4755

*Beauveria pseudobassiana* 4150 4222  
 4240 4254 4261 4271 4274 4285 4297  
 4300 4301 4320 4326 4353 4356 4564  
 4571 4583 4611 4612 4644 4658 4670  
 4721 4741 4745

*Cordyceps gunnii* 6828

*Furculomyces boomerangus* 9021

*Fusarium* sp. 4238

*Isaria fumosorosea* 8840

*Metarhizium anisopliae* sensu lato  
 4134 4137 4138 4141 4151 4155 4156  
 4157 4159 4160 4161 4162 4163 4166  
 4167 4168 4169 4170 4171 4172 4173  
 4174 4175 4176 4177 4178 4180 4181  
 4183 4184 4185 4186 4187 4188 4189  
 4190 4191 4192 4220 4224 4225 4226  
 4229 4230 4232 4234 4235 4236 4244  
 4246 4247 4248 4249 4250 4252 4253  
 4255 4256 4257 4259 4260 4264 4265  
 4266 4267 4268 4269 4270 4275 4278  
 4279 4280 4281 4282 4283 4284 4286  
 4287 4288 4291 4292 4293 4295 4296  
 4298 4306 4307 4308 4309 4310 4311  
 4312 4313 4314 4315 4316 4317 4318  
 4319 4322 4323 4324 4325 4327 4328  
 4329 4330 4331 4332 4346 4347 4348  
 4349 4350 4351 4352 4354 4355 4357  
 4560 4562 4563 4565 4567 4573 4576  
 4577 4578 4579 4581 4584 4585 4586

4590 4591 4592 4593 4594 4595 4596  
 4599 4600 4602 4603 4606 4608 4609  
 4613 4614 4617 4618 4619 4620 4623  
 4624 4625 4626 4627 4629 4631 4632  
 4633 4634 4635 4636 4637 4638 4639  
 4640 4641 4643 4645 4646 4647 4648  
 4649 4650 4651 4652 4653 4654 4655  
 4657 4661 4663 4664 4665 4668 4669  
 4671 4673 4674 4676 4677 4678 4682  
 4683 4684 4687 4716 4717 4718 4722  
 4723 4724 4725 4726 4731 4732 4733  
 4734 4735 4736 4737 4738 4740 4743  
 4746 4747 4748 4749 4752 4753 4754  
 4757 4758 4759 4760 4761 4762 4763  
 4764 4766 4774 8749

*Metarhizium brunneum* 4152 4158  
 4164 4179 4251 4615

*Metarhizium flavoviride* 4221 4272  
 4304

*Metarhizium flavoviride* var. *flavoviride* ■  
 4719 4720 4727 4729 4730

*Metarhizium flavoviride* var. *novazealandicum* 8750

*Metarhizium frigidum* 4219 4277 4561  
 4680 4765

*Metarhizium guizhouense* 4153 4303  
 4321

*Microhilum oncoperae* 4358 4769 4770  
 4771

*Mixed Culture* sp. 4145 4245 4260

*Metarhizium lepidiotae* 4154

*Metarhizium robertsii* 4227 4628 4739

*Metarhizium* sp. 4165

*Paecilomyces* sp. 4742

*Penicillium* sp. 4143 4144 4146 4148  
 4182 4223 4666

*Phialophora* sp. 4751

*Smittium culicis* 9003 9057 9123 9124  
 9125 9140 9141 9142

*Smittium* sp. 9079

Sterile mycelium 4237 4243 4750

*Tolyphocladium inflatum* 4575 4772

Unidentified sp. 4140 4147

Unidentified / *Hyphomycetes* 4233

**Victoria**

*Beauveria bassiana* 8756 8757

*Culicinomyces clavigporus* 2479

*Furculomyces boomerangus* 9077 9259

*Metarhizium anisopliae* sensu lato  
 435 440 441 442 445 7489 7490 7815  
 8543 8544 8545 8546 8547 8548 8760

*Metarhizium frigidum* 4124

*Metarhizium pingshaense* 436 439 443  
 444 446

*Pandora neoaphidis* 830

*Smittium culicis* 9005 9006 9040 9041

*Smittium elongatum* 9251

**Western Australia**

*Ascosphaera atra* 5147

*Ascosphaera flava* 5144

*Beauveria bassiana* 7877 7878 7889  
 7890

*Metarhizium anisopliae* sensu lato  
 7869 7870 7871 7872 7873 7874 7875  
 7876 7879 7880 7881 7882 7883 7884  
 7885 7886 7887 7888 7932 7933 7934

7935 7936 8100 8101 8102 8549 8550  
 8551 8552 8553 8554 8555 8556 8557  
 8576 8848 8849

*Metarhizium robertsii* 7424

*Smittium angustum* 9241

**Austria**

*Metarhizium brunneum* 1095 7711

**Burgenland**

*Beauveria bassiana* 1533 1534 1535  
 1536 1537 1538 1539 1540 1635 1636  
 1637 1638 1640 1643 1973 1974 1988

*Fusarium* sp. 1641

*Trichothecium roseum* 1639 1642

**Tirol**

*Tolyphocladium inflatum* 3277

**Azores**

*Beauveria amorphia* 4990

*Beauveria brongniartii* 4992 4993  
 4994 4995

**Barbados**

*Basidiobolus* sp. 3764

**Belarus**

*Beauveria bassiana* 9450

*Isaria farinosa* 9514

*Isaria* sp. 9519

*Purpureocillium lilacinum* 9524

*Polycephalomyces* sp. 9497

*Lecanicillium fungicola* 9483

**Belgium**

*Beauveria bassiana* 1848

**Belize**

*Hypocrella amazonica* 7669

**Benin**

*Beauveria bassiana* 5649 5653

*Fusarium* sp. 5875 5878

*Hirsutella thompsonii* var. *syn-nematos* 5412

*Metarhizium anisopliae* var. *acridum*  
 3606 3614

*Metarhizium acridum* 3612

*Metarhizium* sp. 3613

*Purpureocillium lilacinum* 5876 5877  
 5880 5882 6188 6190

**Atakora**

*Beauveria bassiana* 5654 5655

**Atlantique**

*Beauveria bassiana* 5645 5652

*Beauveria bassiana*(?) 5644

*Fusarium* sp. 5881

*Metarhizium acridum* 6598

**Borgou**

*Beauveria bassiana* 5646 5647 5648

*Metarhizium acridum* 6592

*Metarhizium flavoviride* var. *minus*  
 6593 6594 6595 6596

**Ouémé**

*Metarhizium acridum* 6597

*Purpureocillium lilacinum* 6183 6197

**Zou**

*Metarhizium acridum* 6600

*Metarhizium flavoviride* var. *minus*  
 6599 6601

## Geographical Origin

Bolivia  
Brazil

### Bolivia

- Aschersonia incrassata* 7670
- Departamento La Paz
  - Aschersonia cubensis* 7647 7648
  - Aschersonia* sp. 7656
  - Aschersonia viridans* 7650 7652 7653
  - Hyperdermium* sp. 7655

### Brazil

- Acremonium roseum* 1964
- Aschersonia aleyrodis* 8996 8997
- Aschersonia* sp. 4098
- Beauveria bassiana* 1831 1832 1833  
1834 1836 2722 2723 3219 3858 4091  
4092 4093
- Beauveria* sp. 1835 3859
- Cladosporium herbarum* 3792
- Isaria amoenerosea* 4097
- Isaria fumosorosea* 3852 3857
- Isaria tenuipes* 4096
- Metarhizium anisopliae* sensu lato  
549 550 551 1899 1902 1911 3147  
4095 8498
- Metarhizium anisopliae* sensu stricto  
2517
- Nomuraea rileyi* 4094
- Purpureocillium lilacinum* 3854
- Paecilomyces marquandii* 3855
- Paecilomyces* sp. 3853
- Trichoderma* sp. 807
- Unidentified sp. 3856 3860
- Unidentified / Hyphomycetes 7383
- Zoophthora radicans* 3026
- Alagoas
  - Beauveria bassiana* 1953 1954 1955  
1956
  - Isaria farinosa* 1957
- Amazonas
  - Beauveria bassiana* 730 731 732 756  
2512 2957
  - Evlachovaea* sp. 6638
  - Isaria fumosorosea* 2956
  - Lecanicillium aphanocladii(?)* 7986
  - Metarhizium anisopliae* sensu stricto  
755
- Bahia
  - Beauveria bassiana* 1479 1959 1960  
1961 1962 2075 3999
  - Fusarium* sp. 4002
  - Metarhizium anisopliae* sensu lato  
1282 1299 1379 1382 1896 1898 1958
  - Metarhizium anisopliae* sensu stricto  
1045 1894 1900
  - Nomuraea rileyi* 1972
  - Neozygites floridana(?)* 6219 6220  
6221
  - Unidentified sp. 3474 4000 4003
- Ceará
  - Beauveria bassiana* 753 757 783 784  
785 786 787 788 804 805 2637 4001
  - Erynia* sp. 876 880 884
  - Hirsutella guyana* 2993
  - Hirsutella* sp. 2644 2645 2646 2647  
2648 2649 2650 2651 2652 2653 2654  
2655 2656 2657 2992
  - Distrito Federal
    - Beauveria bassiana* 3018 3019

### Evlachovaea

- Evlachovaea* sp. 6641
- Isaria fumosorosea* 3480
- Metarhizium anisopliae* sensu lato  
3479
- Metarhizium pingshaense* 552
- Purpureocillium lilacinum* 3481
- Simplicillium lanosoniveum* 6642
- Unidentified sp. 3475 3476

### Espirito Santo

- Beauveria bassiana* 1483
- Metarhizium anisopliae* sensu lato  
925
- Metarhizium anisopliae* sensu stricto  
1044
- Penicillium* sp. 2643

### Goiás

- Beauveria bassiana* 733 734 735 736  
737 738 739 752 754 758 806 809 928  
930 931 933 934 956 957 1476 1478  
1971 2079 2191 2625 2626 2636 2938  
2942 2943 2944 2961

### Conidiobolus

- Conidiobolus coronatus* 1884
- Conidiobolus* sp. 1477 2193

### Entomophaga

- Entomophaga australiensis* 743 1888

### Entomophaga

- Entomophaga* sp. 1230

### Erynia

- Erynia* sp. 1241

### Furia

- Furia americana* 742 2192 2194

### Hirsutella

- Hirsutella* sp. 1625

### Isaria

- Isaria amoenerosea* 741 744 2220 2958  
2959 2960

### Isaria

- Isaria fumosorosea* 722 2216 2217  
2219 2221

### Metarhizium

- Metarhizium anisopliae* sensu lato  
725 728 729 759 760 782 808 929  
932 939 955 1882 1885 1970 2076  
2077 2212 2213 2214 2510 2513 2635  
2941 2949 2951

### Metarhizium

- Metarhizium anisopliae* sensu stricto  
1883

### Mixed Culture

- Mixed Culture* sp. 3472

### Metarhizium

- Metarhizium pingshaense* 1448

### Metarhizium

- Metarhizium robertsii* 724 727 1952  
2514

### Nomuraea

- Nomuraea rileyi* 935 936

### Purpureocillium

- Purpureocillium lilacinum* 723 2078  
2215 2952

### Pandora

- Pandora delphacis* 1238 1936

### Penicillium

- Penicillium* sp. 2950

### Pochonia

- Pochonia chlamydosporia* var.  
*chlamydosporia* 2218

### Unidentified

- Unidentified* sp. 3626 3629 3633 3639  
3640 3641 3642 3643 3644 3645 3646  
3647 3648 3649 3650 3651 3652 3653  
3654 3655 3656 3657

### Zooplthora

- Zooplthora radicans* 789 790 1492  
1493 1494 1495 1496 1497 1498 1499  
1500 1501 1502 1503 1504 1541 1542  
1543 1544 1581 1582 1583 1584 1585  
1586 1587 1588 1589 1590 1591 1593  
1594 1595 1928 1929 1930 1931 1932  
1933 1934 1935 1937 2196

### Mandioca

- Unidentified sp. 3793

### Maranhão

- Unidentified sp. 3630 3635

### Mato Grosso

- Beauveria bassiana* 477 937 938 941  
942 943 944 945 946 947 948 949  
950 951 952 953 982 2401 2402 2403  
2404 5956 5957 5960 5961 5962 5964  
7983 7984 8637 8638

### Beauveria

- Beauveria bassiana(?)* 5959
- Conidiobolus* sp. 2147 2148
- Evlachovaea* sp. 6635 6639 6640

### Isaria

- Isaria tenuipes* 3939
- Lecanicillium aphanocladii* 6433
- Lecanicillium aphanocladii(?)* 7985

### Lecanicillium

- Lecanicillium sp.* 8639
- Metarhizium anisopliae* sensu lato  
954

### Purpureocillium

- Purpureocillium lilacinum* 3469
- Simplicillium lanosoniveum* 6636  
6637

### Tolyphocladium

- Tolyphocladium* sp. 6634
- Unidentified sp. 2640 3470 3473 3627  
3628 3631 3632 3636 3638

### Unidentified / Hyphomycetes

- 8640

### Minas Gerais

- Beauveria bassiana* 5965
- Evlachovaea* sp. 6146

### Pará

- Beauveria bassiana* 2619
- Beauveria caledonica* 2251
- Evlachovaea* sp. 2613 2614 2615
- Hirsutella versicolor* 1034

### Metarhizium

- Metarhizium anisopliae* sensu lato  
1449 1890 1891 1895 1901

### Nomuraea

- Nomuraea rileyi* 1950
- Paecilomyces* sp. 2616 2617 2618

### Paraná

- Aschersonia* sp. 4424 4426 4430 4431  
4432

### Aspergillus

- Aspergillus clavatus* 4359
- Beauveria bassiana* 958 1053 1054  
1060 1061 1450 1453 1454 1455 1457  
1458 1461 1462 1463 1466 1469 2511  
2519 2520 2642 2962 3937 8635 8636

### Evlachovaea

- Evlachovaea* sp. 959
- Furia americana* 1240 1242
- Isaria farinosa* 1065
- Isaria fumosorosea* 5154 5155 5156  
5157 5158 5159
- Isaria tenuipes* 3938
- Metarhizium anisopliae* sensu lato  
1055 1056 1059 1989 2521 3918 3919  
3920 5161

### Metarhizium

- Metarhizium anisopliae* sensu stricto  
3924

### Metarhizium robertsii

- Metarhizium robertsii* 1057

### Nomuraea rileyi

- 3940 6732 6733 6734

### 6735 6736 6737 6738 6739 6740 6741

### 6742 6743 6744 6745 6746 6747 6748

### 6749 6764 6765 6766 6767 6768 6769

### 6770 6771 6772 6773 6774 6775 6776

### 6777 6778 6779 6780 6781 6782 6783

### 6784 6785 6786 6787 6878 6874 6878 6879

### Purpureocillium

- Purpureocillium lilacinum* 1058

### Paecilomyces

- Paecilomyces* sp. 5160

### Sterile mycelium

- 4376

### Zoophthora

- Zoophthora radicans* 1239

Pernambuco  
*Beauveria bassiana* 1484 2629 3020  
*Beauveria brongniartii* 1829  
*Metarhizium anisopliae* sensu lato  
 2628  
*Metarhizium anisopliae* sensu stricto  
 2627 7980

Piauí  
 Unidentified sp. 3634

Rio de Janeiro  
*Cladosporium herbarum* 4361  
*Colletotrichum gloeosporioides* 4360

Rio de Janeiro  
*Purpureocillium lilacinum* 1951

Rio Grande do Norte  
*Entomophaga australiensis* 791  
*Hirsutella guyana* 878 879 881 882  
 883

Rio Grande do Sul  
*Beauveria bassiana* 1456 1459 1460  
 1464 1465 1475 3098 3477 5968 5969

*Fusarium* sp. 5219

*Nomuraea rileyi* 2201 2202 2203 2204  
 2205 2206 2207

Unidentified sp. 3466 3467 3468 3471  
 3478 3624 3625

*Zoophtora radicans* 1227

Rondônia  
*Hirsutella versicolor* 1037

Santa Catarina  
*Beauveria bassiana* 1467 1468 1470  
 1471 1472 1473 1474

*Zoophtora radicans* 1228 1229 1231  
 1232 1233 1234 1236 1237

São Paulo  
*Aschersonia* sp. 10276  
*Beauveria amorpha* 2641  
*Beauveria bassiana* 1480 1966 2559  
 2630 2631 2632 2633 2638 2639 2945  
 2946 5958 5963 6513 6514

*Beauveria brongniartii* 1830

*Hirsutella thompsonii* 6633

*Isaria fumosorosea* 6434 6435

*Lecanicillium lecanii* 7550

*Lecanicillium psalliotae* 6436

*Lecanicillium* sp. 7373

*Metarhizium anisopliae* sensu lato  
 2211 2634

*Metarhizium anisopliae* sensu stricto  
 7979 7981

*Metarhizium flavoviride* 'Type E'  
 2948

*Metarhizium robertsii* 2560 2561

*Nomuraea rileyi* 6875

*Paecilomyces* sp. 3101

*Sporothrix* sp. 6341

Unidentified sp. 3637

Unidentified / Hyphomycetes 7374

*Zoophtora radicans* 2994 2995 2996  
 3002 3003 3004 3005 3006 3007 3008  
 3009 3010 3011 3012 3013

Sergipe  
*Evlachovaea* sp. 2620

**Bulgaria**  
*Beauveria bassiana* 6187 6194 6195  
 6208 6209  
*Beauveria pseudobassiana* 6181  
*Isaria farinosa* 6207  
*Isaria fumosorosea* 6192

**Burma**  
*Metarhizium anisopliae* sensu lato  
 7485 8215 8216 8217 8218 8219 8220  
 8221 8222 8223 8224 8225 8226 8227  
 8228  
*Metarhizium brunneum* 7433 7434

**Cameroon**  
 Centre-Sud  
*Beauveria bassiana* 6526 6527 6528  
 6529 6530 6531 6532

Sud-Ouest  
*Aschersonia andropogonis* 7639  
*Aschersonia placenta* 7616  
*Aschersonia* sp. 7699  
*Regiocrella camerunensis* 7682

**Canada**  
*Beauveria bassiana* 9184  
*Furia gastropachae* 2906  
*Harposporium helicoides* 5354  
*Hirsutella* sp. 2581  
*Lecanicillium muscarium* 2923  
*Metarhizium anisopliae* sensu lato  
 2135 2136 2137 2138 2139 8499  
*Metarhizium brunneum* 1278  
*Metarhizium guizhouense* 2140  
*Metarhizium robertsii* 2134  
*Smittium culicis* 9126

Alberta  
*Aspergillus flavus* 3144  
*Beauveria bassiana* 3462 6920 6921  
 6922 6923 6924 8213  
*Beauveria pseudobassiana* 2997  
*Conidiobolus coronatus* 7010 7011  
 7012 7013  
*Conidiobolus* sp. 3402  
*Conidiobolus thromboides* 2955  
*Culicinomyces clavisporus* 964  
*Isaria farinosa* 5368  
*Lecanicillium muscarium* 3000  
*Metarhizium anisopliae* sensu lato  
 8212  
*Tolyptocladium nubicola* 3434 3435  
*Tolyptocladium cylindrosporum* 962  
 963  
*Tolyptocladium geodes* 3271 3272 3273  
*Tolyptocladium inflatum* 3279 3280  
 3432

British Columbia  
*Aspergillus niger*(?) 7975  
*Beauveria bassiana* 1849 1850 1852  
 1853 1854 7971 7972 7978  
*Beauveria pseudobassiana* 1855  
*Cordyceps militaris* 8011  
*Elaphocordyceps ophioglossoides* 8013  
*Entomophaga aulicae* 1990 2000  
*Evlachovaea* sp. 1017  
*Isaria cicadae*(?) 7973

*Isaria farinosa* 1851 8016 8017 8018  
 8019 8020 8021  
*Lecanicillium muscarium* 7994 8048  
 8049 8050 8051 8052 8053 8054  
*Lecanicillium pissodis* 8055 8056 8057  
*Metarhizium anisopliae* sensu lato  
 8014  
*Paecilomyces* sp. 7995 7996 7997 7998  
 7999 8001 8002 8003 8005 8006 8007  
 8008  
*Penicillium* sp. 7974 7976  
*Tolyptocladium cylindrosporum* 7456

Manitoba  
*Haptocillium balanoides* 2483

New Brunswick  
*Tolyptocladium inflatum* 3281 3321

Newfoundland  
*Batkoia papillata*(?) 7068  
*Entomophaga aulicae* 1991 2896 2898  
 2900  
*Tolyptocladium inflatum* 3320  
*Zoophtora radicans* 72

Northwest Territories  
*Tolyptocladium inflatum* 3278  
*Tolyptocladium tundrense* 3399 3400

Ontario  
*Beauveria bassiana* 2267 3041 5807  
 10393 10394 10395 10396 10397  
 10398 10399 10400 10401 10402  
 10403 10404 10405 10406 10407  
 10408 10409 10410 10411 10412  
 10413 10414 10415 10416 10417  
 10418 10419 10420 10421 10422  
 10423 10424 10425 10426 10427  
 10428 10429 10430 10431 10432  
 10433 10434 10435 10436 10437  
 10438 10439 10440 10441 10442  
 10443 10444 10445 10446 10447  
 10448 10449 10450 10451 10452  
 10453 10454 10455 10456 10457  
 10458 10459 10460 10461 10462  
 10463 10464 10465 10466 10467  
 10468  
*Entomophaga aulicae* 1992 1993 1994  
 1995 1997 1998 1999 2897 2899 2901  
 2902 2903 2904 2905  
*Entomophaga macleodii* 375 376  
*Entomophaga maimaiga* 3913  
*Furia gastropachae* 5869 5870 5871  
 5872  
*Harpellales, genus undetermined* 9064  
*Legeriosimilis* sp. 9066  
*Metarhizium anisopliae* sensu lato  
 8680 8681 8682 8683 8684 8685 8686  
 8687 8688 8689 8690 8691 8692  
*Metarhizium brunneum* 2042 9608  
*Metarhizium flavoviride* var. *pemphigum* 9358  
*Metarhizium robertsii* 9607  
*Smittium culicis* 9073 9091 9143  
*Smittium mucronatum* 9063 9067  
 9090 9144  
*Smittium* sp. 9065 9088 9265  
*Tolyptocladium microsporum* 3431  
*Tolyptocladium parasiticum* 3436  
*Tolyptocladium geodes* 3274

## Geographical Origin

<i>Tolyocladium inflatum</i> 3394 3395	Cauca	<i>Smittium culicisoides</i> 9044
<i>Verticillium lecanii</i> 5809		<i>Smittium dipterorum</i> 9250 9263
<i>Zoophtora radicans</i> 407		<i>Smittium phytotelmatum</i> 9076
Québec		<i>Smittium</i> sp. 9034 9035 9120
<i>Beauveria bassiana</i> 1151 2983 2984		Unidentified sp. 3123 3426 3427 3428
2985 2986 2987 2988 2989 2990 2991		3536
<i>Conidiobolus obscurus</i> 121 122 124	Cartago	<i>Cartago</i>
<i>Conidiobolus</i> sp. 5405 5406		<i>Beauveria bassiana</i> 3437 3438 3439
<i>Conidiobolus thromboides</i> 120		3441 3442 3444 3446 3447 3449 3450
<i>Erynia curvispora</i> 3229 3244		3451 3452 3454 3455 3456 3457
<i>Fusarium oxysporum</i> 1371	Guanacaste	<i>Guanacaste</i>
<i>Fusarium solani</i> 1148		<i>Aschersonia cubensis</i> 7700 7702 7703
<i>Lecanicillium muscarium</i> 6591		7704
<i>Metarhizium robertsii</i> 2981 2982		<i>Conidiobolus coronatus</i> 3414 3415
<i>Pandora neoaphidis</i> 128		<i>Lecanicillium muscarium</i> 3418
Unidentified sp. 3227 3228 3230 3231		<i>Lecanicillium psalliotae</i> 3416
3232 3233 3235 3236 3242 3243 3245		<i>Torrubiella</i> sp. 7701
3246 3247		Unidentified sp. 3124 3413 3417 3419
<i>Zoophtora radicans</i> 126		3420 3421 3422 3423 3424 3425
Saskatchewan	Heredia	<i>Heredia</i>
<i>Ascospaera larvis</i> 7945 7946		<i>Aschersonia aleyrodis</i> 7617
Chile		<i>Aschersonia andropogonis</i> 7685
<i>Smittium cylindrosporum</i> 9116 9248		<i>Hypocrella macrostroma</i> 7748
9249		<i>Moelleriella zhongdongii</i> 8800
<i>Smittium simulatum</i> 9042 9078 9117	Puntarenas	<i>Puntarenas</i>
Easter Island		<i>Fusarium</i> sp. 4713 4714 4715
<i>Pandora neoaphidis</i> 833		<i>Hirsutella thompsonii</i> 3323
Los Lagos		<i>Smittium culisetae</i> 5200
<i>Beauveria vermiciona</i> 2922		Sterile mycelium 4712
<i>Smittium imitatum</i> 9033	Czech Republic	<i>Czech Republic</i>
China		<i>Beauveria bassiana</i> 159 160
<i>Beauveria asiatica</i> 4384 4474		<i>Conidiobolus thromboides</i> 70
<i>Beauveria brongniartii</i> 4385 4386		<i>Metarhizium flavoviride</i> 2133
4388 4465 4466 4467 4468 4469		<i>Neozygitis tetranychi</i> 2677
4470 4471 4472 4473 4475 4476 4477		<i>Tolyocladium cylindrosporum</i> 961
4478		<i>Tolyocladium inflatum</i> 616
Mixed Culture sp. 4387	Czechoslovakia	<i>Czechoslovakia</i>
Colombia		<i>Lecanicillium muscarium</i> 8041
<i>Aschersonia turbinata</i> 1030		
<i>Beauveria bassiana</i> 842 3514	Denmark	
<i>Beauveria</i> sp. 590		<i>Ascosphaera major</i> 694
<i>Metarhizium anisopliae</i> sensu stricto		<i>Ascosphaera proliperda</i> 695
587		<i>Batkoia apiculata</i> 3225 3226
<i>Metarhizium</i> sp. 3767		<i>Batkoia</i> sp. 5810
Unidentified sp. 3766		<i>Beauveria bassiana</i> 4019
Antioquia		<i>Beauveria brongniartii</i> 4024
<i>Lagenidium giganteum</i> 3326		<i>Isaria farinosa</i> 4043 4044
Caldas		<i>Lecanicillium lecanii</i> (?) 5580 5581
<i>Acremonium alternatum</i> 7282		5584 5585
<i>Fusarium</i> sp. 6602 6790 7283		<i>Lecanicillium muscarium</i> 4036
<i>Isaria fumosorosea</i> 6789		<i>Pandora</i> sp. 5812
<i>Isaria tenuipes</i> 6788		<i>Tolyocladium cylindrosporum</i> 2777
<i>Lecanicillium lecanii</i> 6791		2778
<i>Lecanicillium muscarium</i> 6792		<i>Verticillium lecanii</i> 4022 4073 5709
Caquetá		Århus
<i>Fusarium</i> sp. 6320 6375		<i>Metarhizium brunneum</i> 4020
<i>Metarhizium anisopliae</i> sensu lato		Frederiksberg
6319 6321 6322 6323 6324 6326		<i>Strongwellsea castrans</i> 3485
<i>Metarhizium anisopliae</i> sensu stricto		<i>Zoophtora</i> sp. 3486 3487 3488
6317 6318		Funen
<i>Purpureocillium lilacinum</i> 6340		<i>Beauveria bassiana</i> 5857
<i>Paecilomyces lilacinus</i> (?) 6325		Fyn
<i>Paecilomyces</i> sp. 6339		<i>Beauveria bassiana</i> 4051 4055 4056

Jutland	<i>Lecanicillium fusisporum</i> (?) 5578 5579 <i>Lecanicillium lcanii</i> (?) 4060 <i>Lecanicillium longisporum</i> 4050 <i>Lecanicillium psalliotae</i> 5582 <i>Metarhizium anisopliae</i> sensu lato 5851 <i>Mixed Culture</i> sp. 4066 <i>Pandora neoaphidis</i> 5371 5372 5373 5374 5403 5995 6166 <i>Strongwellsea castrans</i> 3282 Sterile mycelium 4009 Unidentified sp. 4037 Unidentified / Hyphomycetes 3142 4078 4068 <i>Verticillium lecanii</i> 4025 4047 4048 4061 4064 4065 4067 4069 4070 4071 4072 4075 4076 4077 4079 5852 5854 5859 <i>Verticillium</i> sp. 4074 <i>Zoophthora radicans</i> 2666	Northern Shoa <i>Aspergillus flavus</i> 6454 <i>Beauveria bassiana</i> 6669 6676 6681 <i>Fusarium</i> sp. 6453 <i>Metarhizium anisopliae</i> sensu lato 6670 6671 6672 6673 6674 6675 6677 6678 6679 6680 6682 6683 6684 6685
Lammfjorden	<i>Erynia</i> sp. 2664	Sidamo <i>Beauveria bassiana</i> 6689 6690
Malmöhus	<i>Conidiobolus</i> sp. 2494 <i>Entomophthora muscae</i> 2668	Tigray <i>Beauveria bassiana</i> 6695 6696 6697
Roskilde	<i>Conidiobolus</i> sp. 2498 <i>Eryniopsis ptychopterae</i> 2535 2671	Welo <i>Beauveria bassiana</i> 6692 <i>Fusarium</i> sp. 6445 6446 6447 6450 6451 6452 6455 <i>Metarhizium anisopliae</i> sensu lato 6694 <i>Simplicillium lamellicola</i> 6448 6449
Storstrøm	<i>Beauveria bassiana</i> 4015	Western Shoa <i>Beauveria bassiana</i> 6686
Vestsjælland	<i>Conidiobolus pseudapiculatus</i> 2493 2496 2497 2502 <i>Entomophthora schizophorae</i> 2540 2541 2667 <i>Erynia</i> sp. 2495 <i>Zoophthora anglica</i> 2505 <i>Zoophthora radicans</i> 2499 2500 2501 2503 2506 2523 2554	Finland <i>Beauveria pseudobassiana</i> 5622 <i>Isaria fumosorosea</i> 5627
Zealand	<i>Batko a apiculata</i> 2504 <i>Beauveria bassiana</i> 4016 4026 4028 4032 <i>Entomophthora muscae</i> 2678 <i>Erynia</i> sp. 2525 2536 2537 2538 2539 2553 2663 <i>Isaria farinosa</i> 4029 4040 <i>Lecanicillium muscarium</i> 4033	Hämeen Lääni <i>Metarhizium brunneum</i> 5626 Uudenmaan Lääni <i>Metarhizium anisopliae</i> sensu lato 5624
	<b>Dominican Republic</b> <i>Verticillium lecanii</i> 6144 6145	Vaasan Lääni <i>Beauveria bassiana</i> 5623 <i>Metarhizium brunneum</i> 5625
Ecuador	<i>Aschersonia cubensis</i> 7671 <i>Beauveria pseudobassiana</i> 2557 <i>Beauveria</i> sp. 2998 <i>Isaria farinosa</i> 2556 <i>Monacrosporium psychrophilum</i> 4813	France <i>Aphanocladium album</i> 1329 <i>Batko a apiculata</i> 67 <i>Beauveria bassiana</i> 149 150 151 384 1150 1157 1159 1160 1165 1167 1168 1169 1170 1182 1186 1306 1314 1315 1316 1319 1320 1321 1322 1323 1324 1325 1389 1396 1397 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1512 1513 1515 1516 1517 1523 1524 1792 1793 1794 1864 1865 1866 1982 6182 6184 6186 6189 6191 6196 6199 6205
	<i>Galapagos Islands</i> <i>Metarhizium flavoviride</i> var. <i>minus</i> 2023 <i>Verticillium lecanii</i> 2916	<i>Beauveria brongniartii</i> 617 979 <i>Beauveria pseudobassiana</i> 6185 <i>Conidiobolus obscurus</i> 434 <i>Fusarium</i> sp. 1522 <i>Gibellula</i> sp. 1669 <i>Isaria fumosorosea</i> 1644 1645 6206 <i>Lecanicillium muscarium</i> 1328 1401 1402 1403 5220
Egypt	<i>Gliocladium</i> (?) sp. 6579 6583 <i>Lecanicillium psalliotae</i> 6581 6582 <i>Simplicillium</i> sp. 6584 <i>Verticillium</i> sp. 6580	<i>Metarhizium anisopliae</i> var. <i>majus</i> 3145 <i>Metarhizium anisopliae</i> sensu stricto 1489 <i>Metarhizium guizhouense</i> 977 <i>Metarhizium majus</i> 978 <i>Nomuraea rileyi</i> 1670 1671 <i>Paecilomyces</i> sp. 971 <i>Pandora neoaphidis</i> 1596 1604 1605 1606 1607 1609 1610 1611 1612 1613 1615 1616 1617 1981 1985 1986 1987 <i>Smittium culisetae</i> 9097
Ethiopia	<i>Aspergillus</i> sp. 6573 6574 6575 <i>Beauveria bassiana</i> 5629 5630 5631 5632 5633 5634 5635 5636 5637 5638 5639 5640 5641 5642 5643 6687 6688 <i>Beauveria</i> sp. 6691 <i>Metarhizium anisopliae</i> sensu lato 5628 6698 <i>Metarhizium anisopliae</i> sensu stricto 7487	78
	<i>Gojam</i> <i>Beauveria bassiana</i> 6693	
	Kefa	
	<i>Lecanicillium muscarium</i> 6699	

# Geographical Origin

France  
Germany

<i>Smittium culicis</i> 9129	Hérault	<i>Lecanicillium lecanii</i> 1505
<i>Sorosporella uvella</i> 1714		<i>Vienne</i>
<i>Zoophtora lanceolata</i> 468		<i>Beauveria bassiana</i> 1491
Alsace		<i>Isaria farinosa</i> 1225
Unidentified / Hyphomycetes		Vosges
4900		<i>Beauveria bassiana</i> 1789 1790 1791
Ardennes		<i>Beauveria</i> sp. 1327
<i>Beauveria bassiana</i> 1647		Yvelines
Aude		<i>Beauveria bassiana</i> 1156 1161 1162
<i>Beauveria bassiana</i> 8255		1194 1630 1800 1801 2253 2254 2320
Avignon		2321 2322 2458 2461 2462 2463 3120
<i>Pandora neoaphidis</i> 1598		<i>Beauveria pseudobassiana</i> 3121
Béarn		<i>Entomophthora muscae</i> 2087 2088
<i>Isaria farinosa</i> 3983		2089 2263 2264 2265 2266 2317
Charente		<i>Fusarium</i> sp. 2252
<i>Beauveria bassiana</i> 1648		<i>Isaria fumosorosea</i> 1646
<i>Scopulariopsis</i> sp. 2327		<i>Lecanicillium aphanocladii</i> 2324
<i>Zoophtora radicans</i> 2256 2257 2258		<i>Lecanicillium muscarium</i> 2323 2325
2259 2260 2261 2262		2326 2329
Charente-Maritime		<i>Scopulariopsis</i> sp. 2328
<i>Beauveria bassiana</i> 1975 1976 1977		Unidentified sp. 3122 3125
1978 1979 1980		
Corsica		
<i>Scopulariopsis</i> sp. 2255		<b>French Guiana</b>
de Gourgas		<i>Simplicillium lanosoniveum</i> 6430
<i>Beauveria pseudobassiana</i> 4933		6431 6432
<i>Isaria farinosa</i> 5080		<i>Verticillium lecanii</i> 6651
Drôme		
<i>Beauveria bassiana</i> 1398 1399 1649		<b>French Polynesia</b>
1795 1984		Tahiti
Essonne		<i>Scopulariopsis</i> sp. 8825 8826 8827
<i>Beauveria bassiana</i> 2318 2319		
<i>Zoophtora radicans</i> 68		<b>Germany</b>
Eure		<i>Hirsutella rhossiliensis</i> 2894
<i>Beauveria bassiana</i> 1073 1074 1075		<i>Metarhizium brunneum</i> 5198
1158 1193		<i>Metarhizium robertsii</i> 1910
Eure-et-Loir		<i>Schizangilla</i> sp. 2237 2239
<i>Beauveria bassiana</i> 1192		<i>Verticillium lecanii</i> 5221
Finistère		Berlin
<i>Beauveria bassiana</i> 815		<i>Gamsylella lobata</i> 4811
<i>Beauveria pseudobassiana</i> 813 814		<i>Monacrosporium elegans</i> 4810
<i>Metarhizium anisopliae</i> sensu lato		<i>Monacrosporium thaumasium</i> 4806
818		
<i>Metarhizium brunneum</i> 817		Brandenburg
Gard		<i>Monacrosporium elegans</i> 4805
<i>Beauveria bassiana</i> 3972 3973 3974		Braunschweig
3975 3977 3978 3979 5886 5887 5888		<i>Entomophthora thripidum</i> 5868 6517
6201 6796		6518 6519 6520 6521 6522 6525
<i>Beauveria pseudobassiana</i> 8256 8258		Gera
<i>Beauveria varroae</i> 8257		<i>Arthrobotrys cladodes</i> var. <i>macroides</i>
<i>Fusarium</i> sp. 3976		4800
<i>Isaria farinosa</i> 5883 5884 5885 6200		Hesse
6202		<i>Beauveria bassiana</i> 340
<i>Isaria fumosorosea</i> 6203 6204		<i>Beauveria brongniartii</i> 5355 5356
<i>Lecanicillium lecanii</i> 3683 3688		5357 5358 5359 5360 5361 5362
<i>Lecanicillium lecanii(?)</i> 3689		5363 5364
<i>Lecanicillium longisporum</i> 3701		<i>Pandora blunckii</i> 217
<i>Lecanicillium muscarium</i> 3684 3685		Kiel-Kitzeberg
3686 3690 3691		<i>Metarhizium flavoviride</i> var. <i>flavoviride</i> ■
<i>Lecanicillium muscarium(?)</i> 3687		2025
<i>Paecilomyces</i> sp. 6193 6198		Rheinhessen-Pfalz
<i>Verticillium lecanii</i> 5491		<i>Evlachovaea</i> sp. 7403
Haute-Savoie		Rostock
<i>Acremonium furcatum</i> 1372		<i>Monacrosporium ellipsosporum</i> 4803
<i>Beauveria bassiana</i> 1317 1318 1394		
1796 1797 1798 1799		

**Ghana**

- Akanthomyces gracilis* 2910 2919
- Aschersonia andropogonis* 7638 7698
- Aschersonia napoleonae* 7697
- Hypocrella africana* 7696
- Sporothrix insectorum* 2909 2918
- Unidentified / Hyphomycetes 8641
- Central Region
  - Aschersonia placenta* 7637
- Eastern
  - Pseudogibellula formicarum* 2913

**Greece**

- Beauveria bassiana* 1802 1803 1812 1822
- Crete
  - Beauveria bassiana* 3607 3866 3897 5273

**Greenland**

- Disko Island
  - Beauveria bassiana* 8039 8040

**Guatemala**

- Hypocrella amazonica* 7667
- Petén
  - Conidiobolus coronatus* 3379
  - Fusarium* sp. 3382
  - Unidentified sp. 3378

**Guinea-Bissau**

- Metarhizium* sp. 3615

**Guyana**

- Aschersonia aleyrodis* 7659 7677
- Aschersonia cubensis* 7676
- Hypocrella amazonica* 7680
- Cuyuni-Mazaruni
  - Aschersonia aleyrodis* 7642

**Honduras**

- Dpto. Francisco Morazán
  - Hypocrella* sp. 7705

**Hong Kong**

- Isaria fumosorosea* 6797 6798

**Hungary**

- Beauveria bassiana* 1627 1628 1629 6967
- Budapest
  - Beauveria bassiana* 6612 6613 6614 6968 6969 6970
  - Beauveria bassiana*(?) 6608
  - Isaria fumosorosea* 6610
  - Verticillium lecanii* 6606
- Csongrád
  - Beauveria bassiana* 6884 6885

**India**

- Aspergillus* sp. 3698
- Beauveria bassiana* 2417 2597
- Beauveria brongniartii* 2660
- Beauveria* sp. 2412
- Fusarium moniliforme* var. *intermedium* 3223
- Fusarium* sp. 2232 2414 2418 2595 7233
- Isaria farinosa* 55
- Isaria fumosorosea* 3699 3700 3843 4490 4491 4492 4493 4494 4495 4496 4497
- Lecanicillium longisporum* 1026
- Lecanicillium muscarium* 2659
- Lecanicillium psalliotae* 5249
- Metarhizium globosum* 2596
- Metarhizium guizhouense* 3603
- Metarhizium pingshaense* 2231 3210
- Nomuraea rileyi* 6867
- Nomuraea* sp. 2413
- Purpureocillium lilacinum* 2233 3846
- Paecilomyces* sp. 3873
- Sterile mycelium 3702 3868
- Unidentified sp. 3773 3779 3869
- Andhra Pradesh
  - Beauveria bassiana* 6646 6647 6648 6650
  - Conidiobolus* nr. *coronatus* 1742 1743
  - Conidiobolus* sp. 211
  - Fusarium* sp. 6649
  - Nomuraea rileyi* 6645
  - Pandora delphacis* 1730 1731
- Bihar
  - Aspergillus flavus* 8289
  - Aspergillus* sp. 8280 8284 8292 8519
  - Fusarium lateritium* 8291
  - Fusarium* sp. 8277 8278 8279 8281 8282 8283 8285 8286 8287 8288 8290
- Karnataka
  - Conidiobolus bangalorensis* 449
  - Fusarium* sp. 7381
- Tamil Nadu
  - Aspergillus clavatus* 9375 9379
  - Aspergillus flavus* 9376 9378
  - Beauveria* sp. 1886 8250
  - Cladosporium cladosporioides* 9614 9616
  - Fusarium moniliforme* 2074
  - Fusarium* sp. 9377
  - Fusarium subglutinans* 2141 2142 2143 2144 2145
  - Lecanicillium aphanocladii* 9611 9615
  - Metarhizium anisopliae* sensu lato 1726 1727 1728 1744 1745 1823 9612 9613
  - Metarhizium anisopliae* sensu stricto 10472 10473 10474 10475 10476
  - Metarhizium pingshaense* 1724 1725 1729
  - Penicillium* sp. 5335

**Indonesia**

- Basidiobolus haptosporus* 261 272
- Basidiobolus* sp. 271
- Metarhizium brunneum* 2224
- Verticillium cinnamomeum* 2399
- Bali
  - Gibellula* sp. 570
- Java
  - Lecanicillium lecanii* 2149 2150
- Jawa Barat, Java
  - Aschersonia aleyrodis* 2154
  - Beauveria bassiana* 2427
  - Conidiobolus coronatus* 1876
  - Conidiobolus* nr. *coronatus* 598
  - Erynia* sp. 2097
  - Fusarium coccophilum* 2098
  - Hirsutella citriformis* 1917 1918 1919 2099 2100 2101 2102 2103 2420 2422 2423 2426 2428
  - Isaria fumosorosea* 2425
  - Metarhizium anisopliae* var. *majus* 2151
  - Metarhizium anisopliae* sensu lato 2105 2424
  - Metarhizium anisopliae* sensu stricto 2080 2421
  - Metarhizium pingshaense* 2106
  - Pandora delphacis* 2091 2092 2093 2094 2095 2096 2409 2132 2146
  - Verticillium lecanii* 5153
  - Zooplhora radicans* 2410 2411
- Jawa Tengah, Java
  - Hirsutella citriformis* 2346
  - Nomuraea rileyi* 2345
- Lampung, Sumatra
  - Hirsutella citriformis* 532
- Lombok Island
  - Beauveria bassiana* 560
  - Pandora delphacis* 575 579
- Sulawesi
  - Fusarium* sp. 7063
- Sulawesi Selatan, Celebes
  - Aspergillus parasiticus* 2173
  - Conidiobolus coronatus* 563 565 597
  - Conidiobolus* nr. *coronatus* 602
  - Conidiobolus* sp. 564 604 605 606
  - Isaria guaensis* 2152
  - Metarhizium anisopliae* sensu stricto 2153
  - Metarhizium brunneum* 2210
  - Metarhizium pingshaense* 576
  - Nomuraea rileyi* 558
  - Pandora delphacis* 593 603
  - Unidentified / Hyphomycetes 2225
- Sulawesi Utara, Celebes
  - Metarhizium album* 2082
- Sumatera Selatan, Sumatra
  - Hirsutella* sp. 568
- Sumatera Utara
  - Conidiobolus coronatus* 567
  - Paecilomyces reniformis* 577
- Sumatera Utara, Sumatra
  - Entomophaga australiensis* 581
  - Gibellula* sp. 569
  - Pandora delphacis* 580

## Geographical Origin

<p>Yogyakarta, Java</p> <ul style="list-style-type: none"> <li><i>Aschersonia</i> sp. 2351 2397 2398</li> <li><i>Beauveria bassiana</i> 566</li> <li><i>Conidiobolus</i> nr. <i>coronatus</i> 599 600</li> <li><i>Conidiobolus</i> sp. 595 596</li> <li><i>Hirsutella citriformis</i> 591</li> <li><i>Paecilomyces</i> sp. 2350 2378</li> </ul> <p><b>Iran</b></p> <ul style="list-style-type: none"> <li><i>Beauveria bassiana</i> 6905 10353 10354 10355 10356 10357 10358 10359 10360 10361 10362 11620</li> <li><i>Isaria</i> sp. 10363 10364 10365 10366 10367 10368 10369 10370 10371 10372 10373 10374 10375 10376 10377 10379 10380 10381 10382 10383 10384 10385 11631 11632 11633 11634 11635 11636</li> <li><i>Lecanicillium lecanii(?)</i> 6289</li> <li>Esfahan</li> <li><i>Isaria farinosa</i> 6288</li> <li>Mazandaran</li> <li><i>Verticillium lecanii</i> 6287 6290 6291</li> <li>Sistan Va Baluchestan</li> <li><i>Beauveria bassiana</i> 6903</li> <li>Tehran</li> <li><i>Beauveria bassiana</i> 6904</li> </ul> <p><b>Israel</b></p> <ul style="list-style-type: none"> <li><i>Conidiobolus osmodes</i> 79</li> <li><i>Conidiobolus</i> sp. 80 81</li> <li><i>Conidiobolus thrombooides</i> 83 194</li> <li><i>Hirsutella</i> sp. 4776</li> <li><i>Lecanicillium muscarium</i> 1029</li> <li><i>Pandora neoaphidis</i> 78</li> <li><i>Zoophthora phytonomi</i> 113 191 192</li> <li><i>Zoophthora radicans</i> 103 104 114 139 3737</li> <li>Brenner</li> <li><i>Zoophthora radicans</i> 3623</li> <li>Central District</li> <li><i>Zoophthora radicans</i> 75</li> <li>Hamerkaz</li> <li>138</li> <li><i>Zoophthora radicans</i> 105 106 107 108 109 110 111 112</li> <li>Rehevim</li> <li>Unidentified sp. 4214 4215</li> </ul> <p><b>Italy</b></p> <ul style="list-style-type: none"> <li><i>Beauveria bassiana</i> 1105 1559 1560 1561 1562 1563</li> <li><i>Lecanicillium muscarium</i> 973 1102</li> <li>Emilia-Romagna</li> <li><i>Beauveria bassiana</i> 1103 1104 1107 1110 1113 1114 1115 1117 1118 1119 1122 1558 1564</li> <li><i>Beauveria pseudobassiana</i> 1565</li> <li><i>Evlachovaea</i> sp. 1576</li> <li><i>Isaria farinosa</i> 1108 1111</li> <li><i>Isaria fumosorosea</i> 1568 1569 1577 1578 1579</li> <li><i>Lecanicillium lecanii(?)</i> 1109</li> <li><i>Metarhizium brunneum</i> 1112 1116</li> <li><i>Metarhizium robertsii</i> 1120</li> </ul>	<p><b>Lazio</b></p> <ul style="list-style-type: none"> <li><i>Beauveria</i> sp. 1195 1196 1197 1198 1201 1202 1203 1204 1205 1206 1207 1209 1210 1211 1213 1214 1215 1216 1218 1219 1220 1221 1222 1224</li> <li><i>Fusarium</i> sp. 1307</li> <li><i>Trichothecium roseum</i> 1212 1226 1308</li> <li><i>Trichothecium</i> sp. 1217 1223</li> </ul> <p><b>Sardinia</b></p> <ul style="list-style-type: none"> <li><i>Basidiobolus</i> sp. 9900 9901 9902</li> <li>Sicily</li> <li><i>Beauveria bassiana</i> 1106</li> </ul> <p><b>Toscana</b></p> <ul style="list-style-type: none"> <li><i>Beauveria bassiana</i> 1525 1526 1527 1528</li> <li><i>Beauveria</i> sp. 1199 1200 1208</li> </ul> <p><b>Umbria</b></p> <ul style="list-style-type: none"> <li><i>Beauveria bassiana</i> 1529 1531</li> <li><i>Isaria fumosorosea</i> 1530 1532</li> </ul> <p><b>Venetia</b></p> <ul style="list-style-type: none"> <li><i>Beauveria bassiana</i> 1121</li> </ul> <p><b>Ivory Coast</b></p> <ul style="list-style-type: none"> <li><i>Aschersonia andropogonis</i> 7660 7662</li> <li><i>Aschersonia placenta</i> 7661</li> <li><i>Beauveria bassiana</i> 5436 5437 5438 5439 5440 5441 5442 5459 5460 5477 5482 5483 5484 5485 5486 5487</li> <li><i>Fusarium</i> sp. 5461</li> <li><i>Hirsutella thompsonii</i> 257</li> <li><i>Hypocrella discoidea</i> 7663</li> <li><i>Hypocrella</i> sp. 7664</li> <li><i>Isaria fumosorosea</i> 6730</li> </ul> <p><b>Jamaica</b></p> <ul style="list-style-type: none"> <li><i>Aschersonia andropogonis</i> 7672</li> <li><i>Hirsutella thompsonii</i> 256</li> <li>St. Andrew Parish</li> <li><i>Mariannaea elegans</i> 5350</li> </ul> <p><b>Japan</b></p> <ul style="list-style-type: none"> <li><i>Beauveria bassiana</i> 302 303 304 305 308 7256 7257 7258 7259</li> <li><i>Beauveria brongniartii</i> 6235</li> <li><i>Ophiocordyceps heteropoda</i> 6919</li> <li><i>Cordyceps militaris</i> 2416</li> <li><i>Dactylaria brochopaga</i> 5662</li> <li><i>Dactylaria candida</i> 5588</li> <li><i>Drechmeria coniospora</i> 5592</li> <li><i>Haptocillium balanooides</i> 5617</li> <li><i>Harposporium anguillulae</i> 5595 5659</li> <li><i>Harposporium cycloides</i> 5600</li> <li><i>Harposporium dicorymbum</i> 5658</li> <li><i>Harposporium janus</i> 5601</li> <li><i>Harposporium leptospira</i> 5603</li> <li><i>Metarhizium guizhouense</i> 1092 1093</li> <li><i>Nematoctonus</i> sp. 5663</li> <li><i>Nematoctonus leptosporus</i> 5607</li> <li><i>Paecilomyces</i> sp. 4452</li> <li><i>Plesiospora globosa</i> 5608</li> <li><i>Pochonia microbacteriospora</i> 5619</li> <li><i>Rotiferophthora amamiensis</i> 5609</li> <li><i>Tolyphocladium lignicola</i> 5615</li> <li>Aichi Prefecture</li> <li><i>Beauveria bassiana</i> 1041</li> <li>Aomori Prefecture</li> <li><i>Mixed Culture</i> sp. 1043</li> </ul>	<p><b>Chiba Prefecture</b></p> <ul style="list-style-type: none"> <li><i>Drechslerella dactyloides</i> 5586</li> <li><i>Dactylella aphrobrocha</i> 5589</li> <li><i>Entomophaga aulicae</i> 2373 2374</li> <li><i>Entomophaga maimaiga</i> 2370 2371 6212 6224 6253 6254 6255 6256 6257</li> <li><i>6264 6267</i></li> <li><i>Rotiferophthora minutispora</i> 5613</li> </ul> <p><b>Fukui Prefecture</b></p> <ul style="list-style-type: none"> <li><i>Entomophaga asiatica</i> 1393 1659</li> </ul> <p><b>Fukuoka Prefecture</b></p> <ul style="list-style-type: none"> <li><i>Conidiobolus coronatus</i> 997</li> <li><i>Conidiobolus obscurus</i> 1131</li> <li><i>Erynia</i> sp. 1052 1266 1267</li> <li><i>Lecanicillium muscarium</i> 1002</li> <li><i>Pandora blunckii</i> 1004</li> <li><i>Pandora delphacis</i> 134 1101 1124 1132 1133 1264 1268</li> <li><i>Pandora neoaphidis</i> 1134</li> <li>Unidentified sp. 1013 1051</li> <li><i>Zoophthora radicans</i> 1050 1125 1136 1263</li> </ul> <p><b>Gunma Prefecture</b></p> <ul style="list-style-type: none"> <li><i>Rotiferophthora</i> sp. 9544</li> </ul> <p><b>Hiroshima Prefecture</b></p> <ul style="list-style-type: none"> <li><i>Entomophaga maimaiga</i> 7185 7186 7187 7188 7189</li> </ul> <p><b>Hokkaido</b></p> <ul style="list-style-type: none"> <li><i>Aspergillus</i> sp. 4367</li> <li><i>Beauveria brongniartii</i> 4362 4363 4389 4458</li> <li><i>Beauveria</i> sp. 4364 4365 4390 4391 4392 4393 4394 4395 4396 4397</li> <li><i>Metarhizium pingshaense</i> 4366</li> <li><i>Metarhizium</i> sp. 4368 4369 4370 4371 4372 4373 4374 4375</li> <li>Unidentified / Hyphomycetes 5223 5224 5225 5226 5227</li> </ul> <p><b>Hokkaido Prefecture</b></p> <ul style="list-style-type: none"> <li><i>Beauveria bassiana</i> 4377 4378 4379 7519 7520 7521</li> <li><i>Entomophaga aulicae</i> 2362 2363 2365 2366 2367 2368 2369</li> <li><i>Erynia</i> sp. 1143</li> <li><i>Metarhizium anisopliae</i> sensu lato 4450</li> <li>Unidentified / Hyphomycetes 7518</li> <li><i>Zoophthora radicans</i> 1674 1675</li> </ul> <p><b>Honshu</b></p> <ul style="list-style-type: none"> <li><i>Amoebidium parasiticum</i> 9183</li> <li><i>Smittium culisetae</i> 9109</li> <li><i>Smittium simulii</i> 9049 9137 9138</li> </ul> <p><b>Ibaraki Prefecture</b></p> <ul style="list-style-type: none"> <li><i>Drechslerella dactyloides</i> 5587</li> <li><i>Beauveria bassiana</i> 1098</li> <li><i>Beauveria brongniartii</i> 6412</li> <li><i>Beauveria sungii</i> 1685</li> <li><i>Dactylella leptospora</i> 5590</li> <li><i>Entomophaga aulicae</i> 1140 1655 1656 1657 1751 2372</li> <li><i>Entomophaga maimaiga</i> 6171 6172 6258 6265 6266 6268</li> <li><i>Furia neopyralidarum</i> 1145</li> <li><i>Haptocillium sinense</i> 5618</li> <li><i>Harposporium anguillulae</i> 5593 5594</li> </ul>
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<i>Harposporium arcuatum</i> 5596 5597 5598	<i>Paecilomyces canadensis</i> 984 990	<i>Lecanicillium muscarium</i> 310 311 312 313 314 811 3836 3837 3838 3839 3861
<i>Harposporium cycloides</i> 5599	<i>Purpureocillium lilacinum</i> 986	<i>Metarhizium anisopliae</i> sensu lato 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859
<i>Harposporium leptospira</i> 5602	<i>Paecilomyces</i> sp. 1008	860 861 862 863 864 865 866 867
<i>Harposporium lilliputianum</i> 5604	<i>Pandora blunckii</i> 1000	868 869 870 871 872 873 874 875
<i>Harposporium subuliforme</i> 5605	<i>Pandora delphacis</i> 1265	889 890 891 892 893 894 895 896
<i>Rotiferophthora lacrima</i> 5612	<i>Pandora neoaphidis</i> 993 1137	897 898 901 902 903 904 905 906
Ishikawa Prefecture	<i>Pseudomeria mucosa</i> 10262	907 908 909 910 911 912 913 921
<i>Beauveria bassiana</i> 1677	<i>Rotiferophthora japonica</i> 5611	922 960 965 966 967 968 1022 1023
<i>Entomophaga maimaiga</i> 1390 1391 1392 1400 1658	<i>Tilachlidium</i> sp. 2415	1024 1025 1083 1084 1085 1086 1087
Iwate Prefecture	<i>Verticillium lecanii</i> 991	1088 1089 1090 1091 1094 1097 1281
<i>Entomophaga maimaiga</i> 7104 7105 7112 7113 7114 7116	<i>Zoophthora radicans</i> 1048	1892 3127 3822
<i>Isaria farinosa</i> 1042	<b>Kazakhstan</b>	<i>Monacrosporium cionopagum</i> 4943
Kumamoto Prefecture	<i>Aphanocladium album</i> 6492	<i>Monacrosporium eudematum</i> 4945
<i>Beauveria bassiana</i> 1679	<i>Beauveria bassiana</i> 6478 6483 9451 11618 11619	<i>Monacrosporium parvicolle</i> 4946
Kyushu	<i>Isaria farinosa</i> 6481 6488 6489 6490 6491 6493 6495 6496 6497	<i>Nematoctonus concurrens</i> 4947
<i>Smittium culisetae</i> 9015 9110 9111	<i>Purpureocillium lilacinum</i> 6494 6502	<i>Pandora delphacis</i> 2046 2047
Nagano Prefecture	<i>Verticillium lecanii</i> 6479 6487	<i>Pandora neoaphidis</i> 4934
<i>Beauveria amorphula</i> 1676	<i>Verticillium</i> sp. 6484 6485 6498 6500 6501	<i>Ramicandelaber longisporus</i> 6327 6328 6329 6330 6331 6332 6333 6334 6335 6336 6337 6338
<i>Beauveria bassiana</i> 1683	<b>Kenya</b>	<i>Verticillium lecanii</i> 3840 3862 3881 3902 3903 3904 3909
<i>Beauveria</i> sp. 1682	<i>Beauveria bassiana</i> 2685 2686 2687	<i>Zoophthora radicans</i> 161 162 183 184 185 186 187 188 491 899 1841 2697
<i>Cordyceps brongniartii</i> 7516	<i>Ophiocordyceps bisporus</i> 3888 4518 4843	2698 2699 2704 2705 2707 2710 2711
Nagasaki Prefecture	<i>Metarhizium anisopliae</i> sensu lato 6700	2714 3117 3118 3151 3161 3163 3172 3217 3355 3697
<i>Beauveria bassiana</i> 1678	<i>Torrubiella</i> sp. 7673	
Nara Prefecture		<b>Lesotho</b>
<i>Hirsutella</i> sp. 1668		<i>Isaria farinosa</i> 6609
Oita Prefecture		
<i>Isaria andoi</i> 1684		<b>Madagascar</b>
<i>Isaria flavovirescens</i> 1686		<i>Beauveria bassiana</i> 5737 5738
Osaka Prefecture		<i>Metarhizium anisopliae</i> var. <i>acridum</i> 5734
<i>Beauveria bassiana</i> 1553 1554 1555 1556		<i>Metarhizium acridum</i> 5735 5736
Saga Prefecture		<i>Torrubiella(?)</i> sp. 7658
<i>Aschersonia aleyrodis</i> 992		
<i>Aschersonia placenta</i> 7603		<b>Malawi</b>
Saitama Prefecture		<i>Southern</i>
<i>Basidiobolus ranarum</i> 1139		<i>Beauveria malawiensis</i> 7760
<i>Isaria fumosorosea</i> 989		
<i>Lecanicillium muscarium</i> 994		<b>Malaysia</b>
Shikoku		<i>Aschersonia aleyrodis</i> 4209
<i>Smittium culisetae</i> 9048 9107 9108		<i>Aschersonia</i> sp. 4207 4210 4448 4449
<i>Smittium simulii</i> 9019 9135 9136		<i>Basidiobolus</i> sp. 9890 9891 9892 9893
Shizuoka Prefecture		<i>Beauveria</i> sp. 547
<i>Batkoia apiculata</i> 1146		<i>Conidiobolus coronatus</i> 512 514 524
Tochigi Prefecture		<i>Conidiobolus</i> obscurus 832 1741
<i>Nematoctonus leiosporus</i> 5606		<i>Conidiobolus</i> thrombooides 84 85
<i>Rotiferophthora</i> sp. 9545 9546		<i>Culicinomyces clavisporus</i> 1260 2482
Tokyo Prefecture		<i>Entomophaga australiensis</i> 1920
<i>Aspergillus flavus</i> 1003 1010		<i>Entomophaga calopteni</i> 500
<i>Beauveria amorphula</i> 1680		<i>Entomophaga macleodii</i> 770 771 772 775 776 3077 3078 3079
<i>Beauveria bassiana</i> 1001 1007		<i>Entomophaga maimaiga</i> 1746 2661 3110 3880
<i>Beauveria</i> sp. 1040 1681		<i>Entomophaga praxibuli</i> 2721 2963 2964 2965 2966 2967 2968 2969 2970
<i>Conidiobolus</i> sp. 999		3058 3059 3060 3061 3068 3069 3356 3357 3358
<i>Conidiobolus thrombooides</i> 1006		<i>Geniculifera paucispora</i> 4941
<i>Entomophaga aulicace</i> 198 998		<i>Hirsutella rhossiliensis</i> 4942
<i>Erynia</i> sp. 983		<i>Isaria fumosorosea</i> 3824 4459 4460 4461 5540
<i>Hirsutella satumaensis</i> 996		<i>Lecanicillium lecanii(?)</i> 3882 3883 3884
<i>Isaria fumosorosea</i> 1005		
<i>Metarhizium brunneum</i> 988		
<i>Metarhizium majus</i> 1015		
<i>Metarhizium pingshaense</i> 1009 1011		
<i>Metarhizium robertsii</i> 1046		
<i>Nomuraea rileyi</i> 1014 1047		

## Geographical Origin

***Malaysia***  
***New Zealand***

<i>Verticillium lecanii</i> 4416 4417 4418 4419 4420 4421 4422 4423 4453 4454 4455 4456 4457	<i>Metarhizium brunneum</i> 2764 5751	<b>Morocco</b>
<i>Verticillium</i> sp. 4194 4195 4203 4398 4399 4402	Unidentified sp. 3304 3798 3799 3801 3802 3803 3804	<i>Beauveria bassiana</i> 1153 1154 1155 1163 1164 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1183 1188 1189 1190 1309 1311 1312 1313 1811 1815 1816 1817 1818 1819 1820 1821
<i>Zoophthora radicans</i> 1100 Wellesley Province	Durango	<i>Fusarium</i> sp. 1310
<i>Conidiobolus coronatus</i> 520 523	<i>Beauveria bassiana</i> 2857	<b>Mozambique</b>
<i>Conidiobolus</i> sp. 517	<i>Isaria farinosa</i> 2822	<i>Fusarium</i> sp. 7045 7046
<i>Purpureocillium lilacinum</i> 763	<i>Lecanicillium</i> sp. 2(?) 2832	<b>Myanmar</b>
<b>Mali</b>	Guanajuato State	<i>Metarhizium anisopliae</i> sensu lato 8738 8739 8740 8741 8742 8743
<i>Aspergillus niger</i> 3143	<i>Pandora blunckii</i> 6293 6294 6295 6296 6297 6298 6299 6300 6301 6302 6304 6305 6306 6307 6308 6309 6310 6311 6312 6316	<b>Nepal</b>
<i>Aspergillus</i> sp. 3048	Unidentified sp. 3821	<i>Beauveria bassiana</i> 7273 7274 <i>Cladosporium</i> sp. 3706
<i>Fusarium acuminatum</i> 3218	Unidentified / Hyphomycetes 3820	<i>Cordyceps scarabaeicola</i> 7277 7278
<i>Fusarium</i> sp. 3051	<i>Zoophthora radicans</i> 6303 6313 6314 6315	<i>Isaria farinosa</i> 7243
<i>Metarhizium</i> sp. 3618	Jalisco	<i>Isaria fumosorosea</i> 4482 4483 4484 4485 4486 5297
<i>Purpureocillium lilacinum</i> 3047 3049	<i>Beauveria bassiana</i> 2330 5741 5742 5743 5744 5745	<i>Paecilomyces</i> sp. 3870 3871 3872
Koulikoro	Mexico	Sterile mycelium 3711
Unidentified sp. 3380 3381	<i>Metarhizium robertsii</i> 2469	<i>Tolyphocladium cylindrosporum</i> 3392 3393
<b>Mauritius</b>	Nuevo León	<i>Tolyphocladium inflatum</i> 3433
Flacq	<i>Beauveria bassiana</i> 2487 2544 3285	Unidentified sp. 3844
<i>Acremonium</i> sp. 11667	<i>Evlachovaea</i> sp. 2545	Parbat District
<b>Mexico</b>	<i>Metarhizium anisopliae</i> sensu lato 11945	<i>Metarhizium anisopliae</i> sensu lato 7527 7529
<i>Aschersonia turbinata</i> 7675	Oaxaca	<b>Netherlands</b>
<i>Aschersonia viridans</i> 7674	<i>Beauveria bassiana</i> 3818 3819	<i>Beauveria brongniartii</i> 7761
<i>Beauveria bassiana</i> 319 2693 3287 3288 3309 3311 9297 9298 9299 9300 9301 9302	Quintana Roo	<i>Harposporium cerberi</i> 5123
<i>Beauveria</i> sp. 3289	<i>Hirsutella</i> sp. 11761	<i>Hirsutella fusiformis</i> 5474
<i>Fusarium</i> sp. 3296 3300 3676 3677	Sinaloa	<i>Metarhizium flavoviride</i> 2026
<i>Metarhizium anisopliae</i> sensu lato 3146 3290 3291 3292 3293 3305 3306 3307 3308	<i>Beauveria bassiana</i> 2484 2485 2486	Netherlands Antilles
<i>Metarhizium anisopliae</i> sensu stricto 1912	Tabasco	<i>Aspergillus sydowii</i> 8381
<i>Metarhizium brunneum</i> 3294 3297	<i>Beauveria bassiana</i> (?) 6890 6891	Utrecht
<i>Nomuraea rileyi</i> 3301 6880	<i>Isaria tenuipes</i> 6889	<i>Aschersonia aleyrodis</i> 2268
<i>Polycephalomyces ramosus</i> 7095	<i>Lecanicillium lecanii</i> 6886 6887 6888	<b>New Zealand</b>
Unidentified sp. 3298 3299	<i>Metarhizium anisopliae</i> sensu lato 7612 7613 7614 7615	<i>Metarhizium anisopliae</i> sensu stricto 2518
<i>Zoophthora radicans</i> 379	Tamaulipas	<i>Neobarya parasitica</i> 6156
Baja California	<i>Aschersonia</i> sp. 3014 3015	<i>Paecilomyces</i> sp. 309
<i>Basidiobolus haptosporus</i> 263	<i>Isaria tenuipes</i> 2488 2489 2490 2491	<i>Tolyphocladium extingueens</i> 2921
<i>Fusarium</i> sp. 3672 3679	<i>Metarhizium brunneum</i> 3295	<i>Tolyphocladium cylindrosporum</i> 2911
<i>Isaria fumosorosea</i> 3302	<i>Nomuraea rileyi</i> 2492	North Island
Campeche	Veracruz	<i>Atricordyceps harposporifera</i> 5472
<i>Beauveria</i> sp. 11754	<i>Aschersonia aleyrodis</i> 7706 7707	<i>Metarhizium brunneum</i> 1187
<i>Hirsutella</i> sp. 11755 11756 11757	<i>Aschersonia</i> sp. 8200	<i>Smittium culicis</i> 9074 9084
Chiapas	<i>Aschersonia turbinata</i> 11868 11869	South Island
<i>Isaria fumosorosea</i> 7284	<i>Conidiobolus coronatus</i> 9940 9941 9942	<i>Beauveria bassiana</i> 8077 8078 8079
<i>Metarhizium anisopliae</i> sensu lato 5752	<i>Metarhizium anisopliae</i> sensu lato 11946 11947	<i>Beauveria brongniartii</i> 3054
Coahuila	<i>Moelleriella umbospora</i> 11870 11871	<i>Beauveria pseudobassiana</i> 3055 3063 3065 3066 3070
<i>Nomuraea rileyi</i> 11939 11941 11942 11943	<i>Sporothrix</i> sp. 10230	<i>Harpellales, genus undetermined</i> 9089
<i>Zoophthora radicans</i> 6003	Yucatán	<i>Metarhizium anisopliae</i> sensu lato 3056 3057 3064 4681
Colima	<i>Hirsutella</i> sp. 9605 9606 11758 11759 11760	<i>Metarhizium flavoviride</i> var. <i>no-</i> <i>vazealandicum</i> 8214
<i>Beauveria bassiana</i> 3310 3312 5740	<i>Purpureocillium lilacinum</i> 9604	<i>Metarhizium pingshaense</i> 7435
<i>Cylindrocarpon</i> sp. 8043 8044	Unidentified sp. 3805 3806 3807	<i>Smittium culicis</i> 9007 9093
<i>Isaria fumosorosea</i> 3313 3800		<i>Tolyphocladium cylindrosporum</i> 841 976 1027 1028
<i>Isaria javanica</i> 3303		
<i>Lecanicillium longisporum</i> 8042		
<i>Metarhizium acridum</i> 5747 5748 5750		
<i>Metarhizium anisopliae</i> sensu lato 5746 5749		

**Nicaragua**

*Beauveria bassiana* 3440 3443 3445  
3448 3453  
Carazo  
*Beauveria bassiana* 6801 6802 6803  
6804 6805 6806 6807 6808 6809  
Masaya  
*Purpureocillium lilacinum* 8311 8312

**Niger**

*Metarhizium acridum* 3341 7486

**Nigeria**

*Conidiobolus coronatus* 206  
Cross River  
*Beauveria bassiana* 5650 5651

**Norway**

*Metarhizium brunneum* 6474  
*Metarhizium robertsii* 6476  
*Smittium* sp. 9050 9072

Akershus

*Beauveria bassiana* 6900 11660  
*Beauveria pseudobassiana* 5370  
*Entomophthora muscae* 6274  
*Lecanicillium lecanii* 6915

Buskerud

*Lecanicillium muscarium* 6914  
*Metarhizium anisopliae* sensu lato  
6475

Finnmark

*Aspergillus flavus*(?) 5503 5504

Nord Trøndelag

*Arthrobotrys oligospora* 5561  
*Aspergillus flavus*(?) 5506 5507 5508  
5509

*Beauveria bassiana* 5510

*Metarhizium anisopliae* sensu lato  
5518 5519 5520 5521

*Tolyphocladium cylindrospororum* 5526

Nordland

*Arthrobotrys oligospora* 5562  
*Aspergillus flavus*(?) 5505  
*Fusarium* sp. 5560  
*Metarhizium anisopliae* sensu lato  
5513 5514 5515 5516 5517

*Tolyphocladium cylindrospororum* 5527

5528 5529 5530 5531 5532 5558

5559

Østfold

*Metarhizium anisopliae* sensu lato  
6901

*Metarhizium brunneum* 6477

Rogaland

*Metarhizium anisopliae* sensu lato  
5554 5555 5556

Sogn og Fjordane

*Beauveria bassiana* 7552 7553 7554  
*Beauveria brongniartii* 7555 7556  
7557 7558 7559 7560 7561  
*Beauveria* sp. 7562 7563 7564 7565  
7566 7567  
*Isaria farinosa* 7574 7575 7576 11656  
*Isaria fumosorosea* 11657 11658 11659  
*Lecanicillium muscarium* 7568  
*Metarhizium anisopliae* sensu lato  
7014 7015 7016 7017 7018 7019 7020

7021 7022 7023 7024 7025 7026 7569  
7570 7571 7572 7573

Sør Trøndelag

*Metarhizium anisopliae* sensu lato  
5369

Telemark

*Metarhizium anisopliae* sensu lato  
11661

Troms

*Beauveria pseudobassiana* 5557  
*Tolyphocladium cylindrospororum* 5525

**Oman**

*Metarhizium guizhouense* 3611  
*Metarhizium pingshaense* 3610

**Pakistan**

*Fusarium* sp. 3704 3707  
*Isaria farinosa* 5081 5082 5083 5084  
*Isaria fumosorosea* 3848 3851 3878  
4498 4499 4501 4502 4503 5085 5086  
5087 5088 5089 5090 5107 5113 5115  
5116 5117 5118 5119 5121 5122 5272  
5298 5475 5476  
*Metarhizium anisopliae* sensu lato  
3605 3619  
*Paecilomyces* sp. 3874 3875 3877 5091  
5092 5093 5094 5095 5096 5097 5098  
5099 5100 5101 5102 5103 5104 5105  
5106 5108 5109 5110 5111 5112 5114  
Sterile mycelium 3703 3705 3712  
Unidentified sp. 3842 3845 3847 3849  
3850 3876

**Panama**

*Ascopolyporus philodendrus* 7354  
*Ascopolyporus villosus* 7355  
*Cordyceps spegazzinii* 7850  
*Escovopsis aspergilloides* 5575  
*Escovopsis* sp. 5574  
*Escovopsis weberi* 5576  
*Hypocrella panamensis* 8361  
*Purpureocillium lilacinum* 8456  
*Torrubilla piperis* 7232

Chiriquí

*Aschersonia aleyrodis* 7641  
*Aschersonia basicystis* 7749

**Papau New Guinea**

Moro Province  
*Metarhizium anisopliae* sensu lato  
4630  
*Metarhizium guizhouense* 4604  
*Metarhizium lepidiotae* 4660

**Papua New Guinea**

*Aspergillus flavus* 2157 2158 2159  
*Beauveria* sp. 2164  
*Lasiodiplodia theobromae* 2170  
*Metarhizium anisopliae* sensu lato  
2156 2163 2165 2166 2167 4773 8593  
8612 8613 8614 8748  
*Metarhizium lepidotae* 4587  
*Metarhizium pingshaense* 2162 3604  
*Purpureocillium lilacinum* 2155  
*Scopulariopsis* sp. 2169  
*Synnematium jonesii* 5664  
*Trichoderma* sp. 2160 2161

East New Britain

*Fusarium lateritium* 2304  
*Fusarium oxysporum* 2311  
*Fusarium semitectum* 2299 2300  
*Fusarium solani* 2312 2313 2314  
*Fusarium* sp. 2303  
*Fusarium subglutinans* 2301  
*Syncephalastrum racemosum* 2315

New Britain

*Hirsutella thompsonii* 258 414

**Peru**

*Beauveria bassiana* 5982  
*Purpureocillium lilacinum* 2183  
Andes Mountains  
*Beauveria amorphpha* 1969  
Junín  
*Beauveria bassiana* 5983  
La Libertad  
*Beauveria bassiana* 5984

**Philippines**

*Hirsutella citriformis* 1243 1244 1245  
1246 1249 1251 1252 1253 1254 1255  
1256 1257 1258 1259  
*Metarhizium flavoviride* var. *minus*  
1546 1547

Abra

*Nomuraea rileyi* 1762

Benguet

*Aspergillus flavus* 2818  
*Aspergillus* sp. 2765 2817 2820  
*Beauveria bassiana* 2725 2727 2728  
2729 2737 2739 2748 3197 3198 3199  
5287 5288 5289 5290 5291 5292 5293  
5294 5295 5296  
*Beniowskia* sp. 2751  
*Conidiobolus coronatus* 2730  
*Conidiobolus firmipilleus* 2731  
*Conidiobolus* sp. 2771 2772 2815 2816  
3208  
*Fusarium* sp. 2736 2743 2776  
*Geotrichum* sp. 2752  
*Isaria farinosa* 2724 2726 3191  
*Isaria fumosorosea* 2733 2734 2744  
2745 2749 3179 3188  
*Metarhizium anisopliae* sensu lato  
2805 2806 3190 3196

*Metarhizium anisopliae* sensu stricto  
3187

*Metarhizium brunneum* 2742

*Mixed Culture* sp. 2738 2740 2810  
3178

*Metarhizium pingshaense* 2735 2809

*Myrothecium verrucaria* 2741

*Pandora blunckii* 2824 3200 3202

*Pandora* sp. 3201

*Penicillium* sp. 2747

*Scopulariopsis* sp. 3189 3203

Unidentified sp. 2746 2821

*Zooplhthora radicans* 2732 2893 3204  
3205 3206

Cagayan

*Metarhizium album* 2081

Laguna

*Aspergillus* sp. 3176

## Geographical Origin

<i>Conidiobolus coronatus</i> 405 406 418 419 421 422	<i>Metarhizium flavoviride</i> var. <i>minus</i> 2339	<b>Portugal</b>
<i>Metarhizium album</i> 1942 1943	<i>Metarhizium pingshaense</i> 1545	<i>Beauveria pseudobassiana</i> 3220
<i>Metarhizium pingshaense</i> 3180	Sterile mycelium 1435	<i>Pandora neoaphidis</i> 1600
Leyte	Pangasinan	Azores
<i>Hirsutella citriformis</i> 2347 2598	<i>Aspergillus</i> sp. 3195	<i>Beauveria bassiana</i> 5148 5150
<i>Isaria fumosorosea</i> 2175	<i>Isaria amoenerosea</i> 3192	<i>Beauveria</i> sp. 4920
<i>Metarhizium album</i> 2176 2178 2179	<i>Isaria fumosorosea</i> 2804	<i>Isaria fumosorosea</i> 2679
<i>Nomuraea rileyi</i> 2174	<i>Metarhizium anisopliae</i> sensu lato 3194	<i>Metarhizium anisopliae</i> sensu lato 3329 4904 4905 4906 4907 4908 4925 4926 4927 4928 4929 4930
<i>Purpureocillium lilacinum</i> 2181 2182 2185 2186	<i>Metarhizium pingshaense</i> 3193	<i>Metarhizium brunneum</i> 3864
Unidentified / Hyphomycetes 2177	Quezon	<i>Metarhizium robertsii</i> 4903 4919 5149
Luzon	<i>Beauveria bassiana</i> 3181	Unidentified sp. 3841
<i>Beauveria bassiana</i> 4981 4982 4983 4984	<i>Isaria farinosa</i> 2807 3183 3184 3185 3186	Unidentified / Hyphomycetes 4921 4922 4923 4924 4931 4932
Manila	<i>Isaria fumosorosea</i> 3177	<b>PR China</b>
<i>Aschersonia</i> sp. 2357 2358	<i>Mixed Culture</i> sp. 3182	<i>Beauveria bassiana</i> 501 502 533 652 708 709 6387 6793 6794 6795
<i>Aschersonia insperata</i> 2356 2396	<i>Metarhizium majus</i> 1914 1946 2808	<i>Hirsutella sinensis</i> 6282
<i>Beauveria bassiana</i> 2041	<b>Poland</b>	<i>Metarhizium pingshaense</i> 712
<i>Beauveria brongniartii</i> 1431	<i>Basidiobolus haptosporus</i> 1347	<i>Paecilomyces sinensis</i> 6284 6285
<i>Conidiobolus coronatus</i> 511	<i>Beauveria bassiana</i> 158 301 333 334 335 474	<i>Sporothrix insectorum</i> 6286
<i>Entomophaga</i> sp. 1126	<i>Beauveria brongniartii</i> 1366	Anhui
<i>Hirsutella citriformis</i> 490 684 1036 1062 1063 1064 1436	<i>Beauveria pseudobassiana</i> 156 157 1359 1360	<i>Beauveria amorpha</i> 6227
<i>Hirsutella guyana</i> 2352 2387	<i>Conidiobolus thrombooides</i> 86 87 631 633 634 635	<i>Beauveria amorpha</i> (?) 6827
<i>Hirsutella</i> sp. 1096	<i>Erynia</i> sp. 1338	<i>Beauveria bassiana</i> 6230 6231 6232 6233 6234 6390 8414
<i>Hirsutella strigosa</i> 2044 2197	<i>Furia ithacensis</i> 1339 1340	<i>Cordyceps bassiana</i> 7047
<i>Hirsutella verticillioides</i> 2599	<i>Fusarium lateritium</i> 1331 1416	<i>Cordyceps militaris</i> 6248
<i>Isaria farinosa</i> 2344 2355 2376	<i>Hirsutella</i> nr. <i>haptospora</i> 1362 1363 1364	<i>Hymenostilbe sphecophila</i> 6292
<i>Isaria fumosorosea</i> 2198	<i>Hirsutella radiata</i> 1369	<i>Isaria catenannulata</i> 6240 6241 6242 6243
<i>Metarhizium album</i> 1840	<i>Hirsutella subulata</i> 2227	<i>Isaria catenobliqua</i> 6244 6283
<i>Metarhizium anisopliae</i> sensu lato 456 457 485 486 487 488 489 543 1284 1285 1286 1290 1300 1304	<i>Isaria farinosa</i> 475 476 1348 1349 1354 1355 1358	<i>Isaria farinosa</i> 6246
<i>Metarhizium brunneum</i> 455	<i>Lecanicillium lecanii</i> 1351	<i>Isaria tenuipes</i> 6249
<i>Metarhizium flavoviride</i> var. <i>minus</i> 1099 1271 1272 1273 1274 1275 1276 1277 1279 1283 1287 1288 1289 1291 1292 1293 1294 1295 1296 1297 1301 1302 1303 1305 1945 2037	<i>Lecanicillium muscarium</i> 972 1330 1332 1334 1335 1352	<i>Metarhizium anisopliae</i> sensu lato 6236 6237
<i>Metarhizium pingshaense</i> 2043	<i>Metarhizium majus</i> 1858 1859	<i>Metarhizium guizhouense</i> 6238
<i>Metarhizium</i> sp. 2353	<i>Pandora dipterigena</i> 1422	<i>Metarhizium pingshaense</i> 8420
<i>Nomuraea rileyi</i> 481 482 483 1761 2395	<i>Pandora neoaphidis</i> 608 609 610 611 612 613 614 636 637	<i>Nomuraea rileyi</i> 6239
<i>Purpureocillium lilacinum</i> 2184	<i>Pochonia bulbillosa</i> (?) 1365	<i>Purpureocillium lilacinum</i> 6247
<i>Paecilomyces reniformis</i> 429 484	<i>Polycephalomyces formosus</i> 1424	<i>Scopulariopsis</i> sp. 8421 8422
<i>Paecilomyces</i> sp. 2354	Sterile mycelium 1353	Beijing
<i>Pandora delphacis</i> 458 459 460 461 478	<i>Trichoderma</i> sp. 1361	<i>Ramicandelaber longisporus</i> 6175 6176
Unidentified sp. 1703	Unidentified sp. 1356 1415 1417 1419 1420 1421 1423	Gansu Province
<i>Zoophthora radicans</i> 1699	<i>Verticillium lecanii</i> 1333 1357	Guangdong Province
Mindanao	<i>Zoophthora radicans</i> 1336 1337 1341 1342 1343 1344 1345 1346 1350 1428	<i>Aschersonia placenta</i> 7607 7686 <i>Clavicipitaceae</i> anamorph 7683
<i>Hirsutella citriformis</i> 1549	Kalisz	Guangxi Zhuang Autonomous Region
<i>Nomuraea rileyi</i> 1756 1757 1758 1759 1760	<i>Hirsutella haptospora</i> 2226	<i>Beauveria bassiana</i> 11713
Misamis Oriental	Pniewy	<i>Nomuraea atypicola</i> 9594
<i>Hirsutella</i> sp. 2208 2209	<i>Hirsutella</i> nr. <i>haptospora</i> 2228	Guizhou Province
Palawan	Szczecin	<i>Beauveria bassiana</i> 9595 9598 9600 11708 11711 11712 11716 11717 11719 11720
<i>Beauveria bassiana</i> 1269 1270	<i>Conidiobolus obscurus</i> 243	<i>Beauveria brongniartii</i> 9599
<i>Hirsutella citriformis</i> 1550	<i>Conidiobolus thrombooides</i> 242 244 245 246 247 630 632	<i>Beauveria pseudobassiana</i> 6229
<i>Hirsutella</i> sp. 1551	<i>Pandora neoaphidis</i> 638 639	<i>Beauveria</i> sp. 9596 11709 11714
<i>Hirsutella thompsonii</i> 1947	Warsaw	<i>Cordyceps militaris</i> 11703
<i>Metarhizium album</i> 1941	<i>Simplicillium lamellicola</i> 1367	<i>Cordyceps pruinosa</i> 11724
<i>Metarhizium anisopliae</i> sensu lato 1432 1548 2341 2342 2343		<i>Cordyceps</i> sp. 6281 6349
		<i>Hirsutella liboensis</i> 9603
		<i>Isaria catenannulata</i> 9601

<i>Isaria cicadae</i> 11726	Zhejiang Province	<b>Republic of Korea</b>
<i>Isaria farinosa</i> 11710	<i>Pandora delphacis</i> 6538 6539	<i>Beauveria bassiana</i> 2040 6658 6722
<i>Isaria fumosorosea</i> 9602	<i>Pandora neoaphidis</i> 11662	6723
<i>Isaria tenuipes</i> 11705 11706 11707	<i>Beauveria bassiana</i> 718	<i>Beauveria</i> sp. 4853
<i>Mariannaea pruinosa</i> 5413	<i>Isaria fumosorosea</i> 720	<i>Cordyceps militaris</i> 4845 4857
<i>Pythium</i> sp. 5731 5732	<i>Metarhizium guizhouense</i> 703	<i>Cordyceps</i> sp. 4852 4855 4856
<i>Verticillium lecanii</i> 6350	<i>Nomuraea rileyi</i> 711	<i>Fusarium semitectum</i> 2053
<i>Verticillium</i> sp. 6250	<i>Pandora delphacis</i> 670	<i>Hirsutella bogoriensis</i> 2187
Hebei Province		<i>Hirsutella repens</i> 2348 2359 2394
<i>Beauveria bassiana</i> 7156 7157 7166		<i>Metarhizium anisopliae</i> sensu lato
7167 7168 7169 7170 7171 7172 7173		2038 2039
7174 7175 7176 7177 7178		<i>Polycephalomyces ramosus</i> 4858
Heilongjiang		<i>Torrubiella homopterorum</i> 2045
<i>Entomophaga maimaiga</i> 7139 7183		Choong-Chung Nam Do
7184		<i>Ophiocordyceps graciloides</i> 5696
Heilongjiang Province		<i>Cordyceps militaris</i> 4874
<i>Hirsutella minnesotensis</i> 7288 7289		Chungnam Province
7290 7291		<i>Beauveria bassiana</i> 7239 7240
Hunan		<i>Beauveria</i> sp. 5697
<i>Beauveria amorphia</i> 656		Unidentified / Hyphomycetes 5698
<i>Beauveria brongniartii</i> 678		Gyeongbuk Province
<i>Pandora delphacis</i> 664		<i>Beauveria bassiana</i> 7275
<i>Trichothecium</i> sp. 653		Gyeonggi Province
Hubei		<i>Beauveria bassiana</i> 7235 7250 7266
<i>Beauveria bassiana</i> 654 679 714 717		<i>Cordyceps militaris</i> 4847
719		<i>Cordyceps</i> sp. 4846 4854
<i>Pandora delphacis</i> 665 666 667 669		<i>Isaria farinosa</i> 5699 7249
676 698 713		Unidentified / Hyphomycetes 5695
<i>Zoophthora radicans</i> 685		Jeju Province
Jiangsu		<i>Beauveria bassiana</i> 7241 7271 7272
<i>Paecilomyces</i> sp. 680		Jheonnam
<i>Pandora delphacis</i> 657 659 660 668		<i>Beauveria bassiana</i> 7269 7270
672 673 674 682 686 716		Kangwon-do
Kiangsu		<i>Beauveria asiatica</i> 4850
<i>Fusarium</i> sp. 687		<i>Beauveria bassiana</i> 6721 7236 7237
<i>Paecilomyces</i> sp. 385		7238 7244 7246 7247 7251 7252 7253
Kwon Tung		7254 7255 7260 7261 7264 7265 7267
<i>Conidiobolus coronatus</i> 655		<i>Beauveria brongniartii</i> 7268
<i>Conidiobolus lachnoides</i> 700		<i>Beauveria pseudobassiana</i> 7242
<i>Metarhizium guizhouense</i> 683		<i>Beauveria sungii</i> 5689 7279 7280 7281
Neimenggu Province		<i>Cordyceps agriota</i> 5692
<i>Hirsutella minnesotensis</i> 7294		<i>Cordyceps bifusispora</i> 5690
<i>Hirsutella rhossiliensis</i> 7292 7293		<i>Cordyceps isariooides</i> 5688
7295		<i>Cordyceps militaris</i> 4869 4873
Shaanxi Province		<i>Cordyceps ochraceostromata</i> 5691
<i>Beauveria lii</i> 11741		<i>Cordyceps pruinosa</i> 5693
Shanxi Province		<i>Cordyceps roseostromata</i> 4870 4871
<i>Hirsutella rhossiliensis</i> 7286 7287		4872
Sichuan Province		<i>Cordyceps</i> sp. 4848 4851
<i>Beauveria bassiana</i> 6027		<i>Cordyceps staphylinaidaecola</i> 5718
<i>Cordyceps pruinosa</i> 11723		6719 6720
<i>Isaria catenariannulata</i> 11722		<i>Conidiobolus</i> sp. 5712
<i>Isaria farinosa</i> 6028 6029 6030 6031		<i>Isaria amoenerosea</i> 4849
6032 6033 6034 6036 6037 6038 6048		<i>Isaria farinosa</i> 7245 7262 7263 7276
6049		<i>Isaria fumosorosea</i> 5694
<i>Lecanicillium muscarium</i> 6035		<i>Isaria tenuipes</i> 5700
<i>Verticillium lecanii</i> 6045 6046 6047		<i>Lecanicillium muscarium</i> 7248
6050		Unidentified sp. 4844
Yunnan		Yeongnam Region
<i>Isaria farinosa</i> 6245		<i>Beauveria bassiana</i> 11715
Yunnan Province		
<i>Cordyceps militaris</i> 11704		
<i>Isaria farinosa</i> 11721		<b>Romania</b>
<i>Mixed Culture</i> sp. 11718		<i>Beauveria bassiana</i> 6228
<i>Pandora nouryi</i> 8930 8931		<i>Isaria fumosorosea</i> 5874
<i>Simplicillium lamellicola</i> (?) 11725		<i>Metarhizium robertsii</i> 5873

## Geographical Origin

### Rumania

- Munteniae
  - Beauveria pseudobassiana* 299
- Russian Federation**
  - Beauveria bassiana* 6008 6019
  - Beauveria* sp. 4197
  - Lecanicillium lecanii* 6010
  - Purpureocillium lilacinum* 6018
  - Astrakhan Oblast
    - Evlachovaea* sp. 7602
  - Belgorod Region
    - Pochonia chlamydosporia* 9494
    - Pochonia chlamydosporia* var. *chlamydosporia* 7852
  - Irkutsk Region
    - Beauveria bassiana* 7593
  - Karachayevo-Cherkessiya Republ
    - Beauveria bassiana* 9446
    - Beauveria brongniartii* 9452
    - Beauveria* sp. 7579 7584
    - Clonostachys rosea* 9492
    - Isaria farinosa* 7723 9511
    - Isaria tenuipes* 7735 9533
    - Lecanicillium* sp. 9459
    - Tolypocladium cylindrosporum* 9503
    - Tolypocladium inflatum* 9506
  - Khabarovsk
    - Entomophaga maimaiga* 7127
  - Krasnodarsky Krai
    - Beauveria bassiana* 7583 9444
    - Beauveria* sp. 7587
    - Clonostachys rosea* 9493
    - Cordyceps* sp. 9486
    - Engyodontium album* 9454
    - Engyodontium*(?) sp. 9476
    - Erynia* sp. 9537
    - Isaria farinosa* 7733 9512
    - Isaria fumosorosea* 9520
    - Isaria tenuipes* 7790 9531 9532
    - Lecanicillium muscarium* 7633
    - Lecanicillium psalliotae* 9473
    - Lecanicillium* sp. 7622
    - Metarhizium anisopliae* sensu lato 9541
    - Metarhizium* sp. 7643
    - Purpureocillium lilacinum* 9526 9528
    - Paecilomyces marquandii* 9527
    - Paecilomyces* sp. 7744 7745
    - Simplicillium lamellicola* 9481
    - Simplicillium lanosonneum* 7623
    - Sporothrix ghanensis* 9500
    - Torrubiella* sp. 7223
    - Unidentified / Hyphomycetes 9538 9539
    - Lecanicillium fungicola* 9482
    - Lipetsk Oblast
      - Beauveria* sp. 7597
    - Moscow Region
      - Beauveria bassiana* 9441 9449
      - Calcarisporium arbuscula* 6155
      - Clonostachys candelabrum* 9499
      - Cordyceps militaris* 9484
      - Engyodontium album* 7712
      - Engyodontium*(?) sp. 9475
      - Isaria coleopterorum* 9509

### *Isaria farinosa* 9515

- Lecanicillium aphanocladii* 9461
- Lecanicillium* nr. *aranearum* 9460
- Lecanicillium muscarium* 9471 9472
- Lecanicillium psalliotae* 9474
- Lecanicillium* sp. 9458 9465 9466
- Mariannaea elegans* 9456
- Nomuraea rileyi* 9489
- Tolypocladium geodes* 9505
- Novgorod Region
  - Engyodontium album* 7713
- Novosibirsk Region
  - Conidiobolus thrombooides* 6662
  - Sporothrix insectorum* 9501
- Primorsky Krai
  - Beauveria bassiana* 7581 7585 9442 9445
  - Beauveria* sp. 7580 7582 7586 7588 7591 7594 7598
  - Clonostachys rosea* 9491
  - Cordyceps militaris* 7809 7810
  - Cordyceps pruinosa* 7221
  - Cordyceps pseudoinsignis* 7222
  - Cordyceps* sp. 7808 7811 7848
  - Engyodontium rectidentatum* 7805
  - Isaria farinosa* 7714 7715 7717 7718 7720 7722 7724 7725 7726 7727 7729 7730 7731 7732 7736 7737 7739
  - Isaria farinosa*(?) 7219
  - Isaria fumosorosea* 7716 7740 7743
  - Isaria* sp. 9517 9518
  - Lecanicillium aphanocladii* 9440
  - Lecanicillium muscarium* 7224 7620 7738 9468 9469 9477
  - Lecanicillium muscarium*(?) 9464
  - Lecanicillium* sp. 7624 7625 7626 7627 7628 7629 7630 7632 7634 7635 7636 7849
  - Nomuraea rileyi* 9490
  - Nomuraea* sp. 7851
  - Purpureocillium lilacinum* 9522
  - Paecilomyces marquandii* 9530
  - Paecilomyces* sp. 7721 7741 7742
  - Pochonia suchlasporia* 9495
  - Polycephalomyces* sp. 9496
  - Tolypocladium cylindrosporum* 7812
  - Rostov
    - Beauveria bassiana* 6009 6011 6013 6014 6016 6039 6040 6041 6042
    - Beauveria brongniartii* 6023
    - Beauveria pseudobassiana* 6015 6022 6043
    - Isaria farinosa* 6012 6017 6020 6044
  - Purpureocillium lilacinum 6021 6024 6026
  - Verticillium lecanii* 6025
  - Sakhalin Region
    - Beauveria bassiana* 7590 7596 9443
    - Beauveria* sp. 7589
    - Evlachovaea* sp. 7600 7601
    - Isaria farinosa* 7719 7728 9510
    - Lecanicillium muscarium* 7621 9467
    - Metarhizium* sp. 7645
    - Purpureocillium lilacinum* 9523
    - Sporothrix insectorum* 9502
    - Unidentified / Hyphomycetes 7806

### Tver Region

- Beauveria brongniartii* 9453
- Elaphocordyceps ophioglossoides* 9485
- Lecanicillium* sp. 9478
- Paecilomyces marquandii* 9529
- Tolypocladium geodes* 9504
- Tyumen Oblast
  - Tolypocladium inflatum* 9507

### Saint Lucia

- Lecanicillium psalliotae* 8890

### Scotland

- Grampian
  - Beauveria caledonica* 2567

### Senegal

- Fusarium nygamai* 2316

- Region of Kaolack
  - Metarhizium acridum* 6421

### Solomon Islands

- Calcarisporium ovalisporum* 2035 2036
- Metarhizium anisopliae* sensu lato 4290 4333 4334 4335 4336 4337 4338 4339 4340 4341 4557 4558 4572 4582
- Metarhizium pingshaense* 4342 4610

### Guadalcanal

- Calcarisporium ovalisporum* 1907
- Entomophaga* sp. 1881
- Gibellula clavulifera* var. *alba* 1909
- Hirsutella citriformis* 1913
- Lecanicillium lecanii* 1905
- Metarhizium flavoviride* var. *minus* 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773
- Nomuraea atypicola* 1904
- Nomuraea rileyi* 1879 1893
- Sporothrix* sp. 1908
- Torrubiella ratticaudata* 1915 1916

### South Africa

- Cladosporium* sp. 6226

- Fusarium* sp. 6102

### Cape Province

- Beauveria bassiana* 6973 6974 6975 6976 6977 6981 6982 6984
- Beauveria pseudobassiana* 6971
- Conidiobolus* sp. 6659
- Gliocladium* sp. 6632
- Isaria farinosa* 6607 6611
- Unidentified sp. 3374
- Zoophthora radicans* 6605

### Free State

- Beauveria bassiana* 5704 6978 6979 6980
- Beauveria pseudobassiana* 6972
- Cladosporium* sp. 11866
- Conidiobolus thrombooides* 4968
- Evlachovaea* sp. 5703
- Fusarium* sp. 4969 11865
- Isaria farinosa* 6222 6983
- Purpureocillium lilacinum* 6985
- KwaZulu-Natal
  - Conidiobolus* sp. 11867
- Western Cape Province
  - Beauveria bassiana* 5705

<i>Hirsutella illustris</i> 5539	<i>Smittium</i> sp. 9147	<b>Thailand</b>
<i>Lecanicillium lecanii</i> 5706	<i>Zoophthora anglica</i> 396 916 926	<i>Aschersonia</i> sp. 4208 4433 4434 4435
<i>Pandora neoaphidis</i> 5707 5708	<i>Zoophthora aphidis</i> 425	4436 4437 4438 4439 4440 4441 4442
<i>Tolyphocladium cylindrosporum</i> 5538	<i>Zoophthora lanceolata</i> 426 469	4443 4444 4445
<b>Spain</b>	<i>Zoophthora radicans</i> 388 389 404 914	<i>Conidiobolus coronatus</i> 525 528
<i>Aspergillus</i> sp. 1152	1130	<i>Metarhizium acridum</i> 3609
<i>Beauveria bassiana</i> 886 1149 1166	Bern	<i>Monacrosporium thaumasicum</i> 4802
1788 1804 1805 1806 1807 1808 1809	<i>Beauveria brongniartii</i> 7528	<i>Metarhizium pingshaense</i> 538
1810 1813 1814	<i>Isaria farinosa</i> 7531	<i>Nomuraea rileyi</i> 539
<i>Beauveria bassiana</i> (?) 5990	Graubünden	<i>Tilletiopsis</i> sp. 527 572 573
<i>Lecanicillium muscarium</i> 3709	<i>Metarhizium anisopliae</i> sensu lato	<i>Verticillium epiphytum</i> 5250
<i>Metarhizium anisopliae</i> sensu lato	7524	Northeastern Thailand
8693	Lucerne	<i>Hypocrella discoidea</i> 7681
<i>Pandora neoaphidis</i> 1601 1602 1603	<i>Beauveria bassiana</i> 7525 7526	<i>Hypocrella raciborskii</i> 7606
2085 2086	Schaffhausen	<i>Hypocrella javanica</i> 7605
Sterile mycelium 3710	<i>Beauveria bassiana</i> 1566	<b>The Bahamas</b>
<i>Trichothecium roseum</i> 3708	<i>Beauveria caledonica</i> 1567	<i>San Salvador</i>
Canary Islands	<i>Pandora dipterigena</i> 1720	<i>Aspergillus sydowii</i> 8380
<i>Arthrobotrys conoides</i> 4804	<i>Pandora neoaphidis</i> 7938	<b>The Palestinian Authority</b>
<i>Gamsylella gephypopaga</i> 4817	<i>Zoophthora radicans</i> 1719	<i>Beauveria bassiana</i> 8409 8410
<i>Monacrosporium elegans</i> 4807	Thurgau	<i>Nomuraea rileyi</i> 7791 7792 7793 7794
Murcia	<i>Beauveria brongniartii</i> 1067 1068	<b>Togo</b>
<i>Beauveria bassiana</i> 3995 3996 4200	1070 1071 1072 1076 1077	<i>Beauveria bassiana</i> 2688 2689 2690
Unidentified sp. 3990 3991 3992 3993	Uri	2691 2692 5443 5444 5445 5446 5447
3994 3997 4201	<i>Metarhizium anisopliae</i> sensu lato	5448 5449 5450 5451 5452 5453 5454
<b>Sri Lanka</b>	7532	5455 5456 5457 5458 5478 5479 5480
<i>Beauveria bassiana</i> 2454 7758	Zurich	5481 5488 5489 5490
<i>Fusarium</i> sp. 1828	<i>Lecanicillium lecanii</i> 7530	<i>Hirsutella cryptosclerotium</i> 4517
<i>Gibellula pulchra</i> 1732	<i>Neozygites parvispora</i> 5620 5621	<b>Trinidad</b>
<i>Hirsutella citriformis</i> 1837	<i>Pandora blunckii</i> 1715 1716 1717 1718	<i>Hirsutella</i> sp. 4511 4513 4514
<i>Lecanicillium lecanii</i> 555	<i>Pandora neoaphidis</i> 7937 7939	<b>Trinidad and Tobago</b>
<i>Lecanicillium muscarium</i> 1033 1774	<b>Syria</b>	<i>Hirsutella</i> sp. 4193
<b>Sweden</b>	<i>Aphanocladium album</i> 5756	<i>Metarhizium anisopliae</i> sensu stricto
<i>Drechmeria coniospora</i> 2468	<i>Beauveria bassiana</i> 6065 6066 6067	3621
<i>Hirsutella rhossiliensis</i> 3760	6069 6070 6079 6086 6087 6088 6089	Trinidad
923	6090 6091 6149	<i>Verticillium pseudohemipterigenum</i>
<i>Zoophthora radicans</i> 189	<i>Fusarium</i> sp. 5755 5757	5687
Norrbotten	<i>Lecanicillium muscarium</i> 6118	<b>Turkey</b>
<i>Smittium simulii</i> 9139	<i>Lecanicillium psalliotae</i> 6071	<i>Aspergillus niger</i> 6407
<i>Smittium</i> sp. 9146	<i>Purpureocillium lilacinum</i> 6080 6110	<i>Beauveria bassiana</i> 3169 6426 10347
<b>Switzerland</b>	6114 6116	10348 10349 12165
<i>Basidiobolus</i> sp. 9887 9888 9889	<i>Unidentified / Zygomycetes</i> 6119	<i>Beauveria</i> sp. 12168 12169
<i>Batkoia apiculata</i> 395 919 927 1660	6160	<i>Fusarium</i> sp. 6411 8300
1661	<i>Verticillium lecanii</i> 6068 6085	<i>Isaria catenannulata</i> (?) 12166
<i>Batkoia gigantea</i> 214 215 403	Halab	<i>Isaria fumosorosea</i> 12172 12173 12174
<i>Beauveria brongniartii</i> 1069	<i>Beauveria bassiana</i> 5674	12175 12177
<i>Beauveria varroae</i> 2694	<i>Fusarium</i> sp. 5682	<i>Lecanicillium muscarium</i> 980
<i>Conidiobolus coronatus</i> 1572 1573	<i>Lecanicillium psalliotae</i> 5681 5683	<i>Unidentified / Hyphomycetes</i> 12163
1574 1575	5763 5835	12164 12167 12170 12171 12176
<i>Conidiobolus</i> sp. 391	<b>Taiwan</b>	12178 12179 12180 12181
<i>Entomophaga</i> sp. 393	<i>Paecilomyces</i> sp. 4985 4986 4987 4988	Adana
<i>Entomophthora culicis</i> 387	4989	<i>Fusarium</i> sp. 5726 5727 5728
<i>Entomophthora muscae</i> 392	<b>Tanzania</b>	Adiyaman
<i>Eryniopsis caroliniana</i> 640 641 642	<i>Hirsutella</i> sp. 4515	<i>Aspergillus</i> sp. 6405 6406 6408
<i>Erynia conica</i> 1752 1753	<i>Metarhizium acridum</i> 3391	<i>Beauveria bassiana</i> 6404
<i>Erynia curvispora</i> 1754	<i>Unidentified / Hyphomycetes</i> 11666	Ankara
<i>Erynia ovispora</i> 399 400	<i>Morogoro</i>	<i>Aspergillus</i> sp. 6399
<i>Furia virescens</i> 394 427 470 1129	<i>Simplicillium lanosoniveum</i> 8822	<i>Beauveria bassiana</i> 3154 3155 3156
<i>Metarhizium anisopliae</i> sensu lato	<b>Tchad</b>	3157 3158 3166 3167 3168
1373 1374 1375 1376 1377	<i>Metarhizium</i> sp. 3616 3617	<i>Beauveria pseudobassiana</i> 3153
<i>Metarhizium brunneum</i> 1066		
<i>Pandora blunckii</i> 915 917 920		
<i>Pandora dipterigena</i> 397		
<i>Smittium culisetae</i> 9132		

## Geographical Origin

Turkey  
United Kingdom

<i>Fusarium</i> sp.	6394	6397	6403	6410
6425				
Artvin				
<i>Beauveria bassiana</i>	8349	8354		
<i>Isaria fumosorosea</i>	8348			
<i>Metarhizium anisopliae</i> sensu lato				
8347 8350 8351 8352 8353				
Bayburt				
<i>Beauveria bassiana</i>	8673	8674		
<i>Metarhizium anisopliae</i> sensu lato				
8665 8669				
Düzce Province				
<i>Lecanicillium muscarium</i>	11734			
Erzurum				
<i>Beauveria bassiana</i>	8664	8666		
Gaziantep				
<i>Aspergillus niger</i>	5721			
<i>Aspergillus ochraceus</i>	5722			
<i>Beauveria bassiana</i>	5670	5671	5672	
5673 5725				
<i>Beauveria bassiana</i> (?)	5684			
<i>Beauveria pseudobassiana</i>	5669	5678		
<i>Beauveria</i> sp.	5686	5832	5833	
<i>Isaria farinosa</i>	5675	5754	5834	
5723				
Giresun				
<i>Evlachovaea</i> sp.	8439			
<i>Fusarium</i> sp.	8299	8303	8306	8644
8646				
<i>Isaria fumosorosea</i>	8345			
<i>Lecanicillium longisporum</i>	8297			
<i>Lecanicillium muscarium</i>	8642			
<i>Metarhizium anisopliae</i> sensu lato				
8443				
Giresun Province				
<i>Simplicillium lamellicola</i>	11727	11729		
Gümüşhane				
<i>Beauveria bassiana</i>	8661	8663	8667	
8668 8670 8672				
<i>Beauveria</i> sp.	8675			
<i>Metarhizium anisopliae</i> sensu lato				
8662				
<i>Metarhizium brunneum</i>	8671			
Hatay				
<i>Beauveria pseudobassiana</i>	5668			
Unidentified / Hyphomycetes	5677			
Istanbul				
<i>Fusarium</i> sp.	8298	8305		
<i>Lecanicillium lecanii</i>	8295			
<i>Lecanicillium muscarium</i>	8296			
Kahraman Maras				
<i>Beauveria bassiana</i>	5665	5667	5753	
5762				
<i>Beauveria pseudobassiana</i>	5724			
<i>Beauveria</i> sp.	5831			
<i>Cylindrocarpon</i> sp.	5758			
<i>Fusarium</i> sp.	5680			
<i>Isaria farinosa</i>	5676	5679		
<i>Lecanicillium psalliotae</i>	5666	5685		
Kirsehir				
<i>Fusarium</i> sp.	6428			
Nigde				
<i>Fusarium</i> sp.	6395	6398	6400	6409
6429				

Ordu				
<i>Beauveria bassiana</i>	8340	8343	8431	
8444				
<i>Evlachovaea</i> sp.	8441	8442	8449	
<i>Fusarium</i> sp.	8301	8302	8304	8647
8650 8651				
<i>Lecanicillium lecanii</i> (?)	8294			
<i>Metarhizium anisopliae</i> sensu lato				
8344 8437 8438 8440 8445				
Ordu Province				
<i>Lecanicillium muscarium</i>	11730	11733		
<i>Metarhizium anisopliae</i> sensu lato				
8342				
<i>Simplicillium lamellicola</i>	11728			
<i>Simplicillium lamellicola</i> (?)	11738			
Rize				
<i>Beauveria bassiana</i>	8355			
<i>Isaria fumosorosea</i>	8337	8448		
<i>Metarhizium anisopliae</i> sensu lato				
8334 8335 8336 8338 8432 8433 8434				
8435 8447 8452 8453 8660				
Sakarya Province				
<i>Simplicillium lamellicola</i>	11732	11737		
Samsun				
<i>Fusarium</i> sp.	8643	8645	8648	8649
8652				
<i>Lecanicillium lecanii</i> (?)	8293			
<i>Metarhizium anisopliae</i> sensu lato				
8341				
Samsun Province				
<i>Beauveria bassiana</i>	8356			
<i>Beauveria</i> sp.	11739			
<i>Lecanicillium muscarium</i>	11731			
<i>Simplicillium lamellicola</i>	11735			
<i>Simplicillium lamellicola</i> (?)	11740			
Trabzon				
<i>Beauveria bassiana</i>	8339	11688		
<i>Beauveria bassiana</i> (?)	9271			
<i>Beauveria</i> sp.	9272			
<i>Clonostachys rosea</i>	11678	11682	11687	
11689 11690 11691 11692 11695				
11699 11700 11701 11702				
<i>Fusarium</i> sp.	9273	9274	11670	11671
11672 11673 11674 11675 11677				
11679 11680 11684 11697				
<i>Isaria farinosa</i>	9269	9270	9275	9276
9277 9278				
<i>Isaria fumosorosea</i>	8333			
<i>Lecanicillium muscarium</i>	9267	9268		
<i>Lecanicillium</i> sp.	11696			
<i>Metarhizium anisopliae</i> sensu lato				
8346 8436 8446 8450 8451 8454				
11694				
<i>Mixed Culture</i> sp.	11676			
<i>Metarhizium</i> sp.	11668	11669	11685	
11686				
<i>Myriodontium keratinophilum</i>	11698			
<i>Penicillium</i> sp.	11681	11683		
<i>Sterile mycelium</i>	11693			
Trabzon Province				
<i>Lecanicillium muscarium</i>	11736			
Yozgat				
<i>Fusarium</i> sp.	6396	6401	6402	
Uganda				
<i>Aschersonia</i> sp.	5216			
<i>Fusarium</i> sp.	5879			
<i>Tolyphocladium lignicola</i>	5218			
Ukraine				
<i>Isaria farinosa</i>	9513			
<i>Isaria tenuipes</i>	9534			
Autonomous Republic of Crimea				
<i>Beauveria bassiana</i>	9447	9448		
<i>Lecanicillium muscarium</i>	9470			
<i>Metarhizium anisopliae</i>	9487			
<i>Mariannaea elegans</i>	9455			
<i>Rotiferophthora angustispora</i>	9498			
<i>Simplicillium lamellicola</i>	9479	9480		
Unidentified / Hyphomycetes	9540			
Kherson Oblast				
<i>Beauveria</i> sp.	7595			
<i>Evlachovaea</i> sp.	7599			
<i>Hirsutella thompsonii</i>	9457			
<i>Isaria farinosa</i>	7734	9516		
<i>Isaria fumosorosea</i>	9521			
<i>Isaria</i> sp.	9508			
<i>Lecanicillium muscarium</i>	7631			
<i>Lecanicillium muscarium</i> (?)	9463			
<i>Metarhizium anisopliae</i>	9488			
<i>Purpureocillium lilacinum</i>	9525			
Odessa Oblast				
<i>Lecanicillium muscarium</i> (?)	9462			
United Kingdom				
<i>Beauveria bassiana</i>	6552	6553	6555	
6556 6557 6559 6560 6563 6564 6565				
6566 6567 6568 7764 7765 7766 7767				
7769 7770 7771 7772 7773 7774 7775				
<i>Beauveria brongniartii</i>	7762			
<i>Dactyliella doedycoides</i>	5661			
<i>Dactyliella heterosporia</i>	5660			
<i>Harposporium bysmatosporum</i>	5656			
<i>Harposporium subuliforme</i>	5657			
<i>Hirsutella kirchneri</i>	5550 5551			
<i>Hirsutella necatrix</i>	5549			
<i>Isaria fumosorosea</i>	6562			
<i>Metarhizium anisopliae</i> var. <i>anisopliae</i>	6550			
<i>Metarhizium anisopliae</i> sensu lato				
6549 6551 6558				
<i>Metarhizium anisopliae</i> sensu stricto				
6546				
<i>Spicellum ovalispora</i>	7759			
<i>Verticillium lecanii</i>	6540	6541	6542	
6543 6544 6545 6547 6548 6554				
6561				
England				
<i>Basidiobolus ranarum</i>	6380	6382		
<i>Basidiobolus</i> sp.	9894	9895	9896	9897
9898 9899 9903 9904 9905 9906 9907				
9908 9909 9910 9911 9912				
<i>Beauveria bassiana</i>	2972	7533	7534	
7763 7768				
<i>Conidiobolus adiaeretus</i>	6377			
<i>Conidiobolus coronatus</i>	1738	6379		
<i>Conidiobolus firmipilleus</i>	6384			
<i>Conidiobolus heterosporus</i>	6386			
<i>Conidiobolus iuxtagenitus</i>	6378			
<i>Conidiobolus lamprauges</i>	6385			
<i>Conidiobolus pumilus</i>	6383			

**United Kingdom**  
**USA**

**Geographical Origin**

*Conidiobolus* sp. 1444 1445 1485 1486  
1487 1488 6424  
*Conidiobolus thomboides* 42 101 102  
363 1733 1734 1735 6381  
*Entomophthora muscae* 707  
*Erynia conica* 1439 2405  
*Erynia rhizospora* 1440 1441 1443  
2407  
*Erynia* sp. 2507  
*Hirsutella* sp. 970  
*Isaria farinosa* 975 981  
*Lecanicillium longisporum* 5126  
*Lecanicillium muscarium* 3740 5128  
*Metarhizium anisopliae* sensu lato  
6570 7535 7536 7537 7538  
*Metarhizium flavoviride* var. *pemphigum* 6569 7491  
*Pandora dipterigena* 2406  
*Rotiferophthora denticulospora* 5614  
*Tolyphocladium cylindrosporum* 2920  
7539  
*Tolyphocladium geodes* 3275 3276  
*Tolyphocladium inflatum* 3396  
*Tolyphocladium tundrense* 3401  
*Verticillium lecanii* 3741 3742 3743  
5130 5131 5132 5133  
*Zoophthora anglica* 1739

N.E. England  
*Drechmeria coniospora* 5591  
*Pochonia microbactrospora* 5616  
*Rotiferophthora angustispora* 5610

Scotland  
*Batko* sp. 6179  
*Beauveria bassiana* 6100 6101 6177  
6178

**Uruguay**

*Beauveria bassiana* 5967  
*Conidiobolus coronatus* 4797  
*Zoophthora radicans* 4781 4782 4783  
4784 4785

Colonia  
*Beauveria bassiana* 5966

**USA**

*Beauveria bassiana* 3620 3622 11613  
11614 11615 11616 11617  
*Conidiobolus coronatus* 205  
*Metarhizium anisopliae* sensu lato  
1903 11637  
*Metarhizium robertsii* 3608  
*Pandora nouri* 366

Alabama  
*Erynia* sp. 2027  
*Pandora delphacis* 2028  
*Septobasidium apiculatum* 7096

Alaska  
*Beauveria bassiana* 7955 7956 7957  
7958 7959 7963 7964 7965 7966 7968  
*Beauveria* sp. 7960  
*Isaria farinosa* 7961 7962  
*Metarhizium anisopliae* sensu lato  
7967 8365  
*Sporothrix insectorum* 7924  
*Zoophthora radicans* 13

Arizona  
*Aspergillus* sp. 12050

*Basidiobolus* sp. 5336  
*Beauveria bassiana* 5283 5284 10478  
10481 10531 10533 10534 10535  
10539 10540 10541 10544 10545  
10560 10570 10571 10580 10588  
10589 10590 10591 10592 10593  
10604 10614 10615 10641 10715  
10716 10717 10718 10719 10722  
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10739 10740 10742 10743 10744  
10745 10747 10750 10840 10841  
10862 10864 10882 10883 10884  
11096 11097 11098 11099 11100  
11101 11102 11147 11217 11222  
11231 11232 11233 11234 11238  
11239 11241 11255 11380 11397  
11403 11404 11426 11438 11456  
11464 11466 11468 11469 11473  
11475 11478 11489 11499 11506  
11540 11542 11543 11549 11556  
11562 11564 11569 11585 11586  
11901 11902 11905 11906 11907  
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11938 11952 11953 11954 11955  
11958 11959 11960 11962 11968  
11969 11974 11985 11988 12004  
12007 12008 12010 12025 12026  
12092 12093 12094 12099 12102  
12115 12141 12146 12149 12150  
12157 12158

*Beauveria pseudobassiana* 10480  
10492 10732 10845 10846 10847  
10848

*Beauveria* sp. 11745 11746 11747

*Cladosporium cladosporioides* 3463

*Cladosporium* sp. 12046

*Entomophaga calopteni* 497 623 625  
626 646

*Entomophaga macleodii* 496 618 619  
620 621 624 628 629 765 767 768  
769 773 774 777 778 779

*Fusarium* sp. 12038

*Isaria fumosorosea* 5327 5328

*Lecanicillium muscarium* 3464

*Metarhizium anisopliae* sensu lato  
7847 8357 8358 8363 8364 8367

*Metarhizium* sp. 9636 9641 9643 9651  
9652 9765 9766 9767 9965 10086  
10107 10116 10119 10120 10121  
10322

*Myriodontium keratinophilum* 12005

*Purpureocillium lilacinum* 11749  
11750

*Paecilomyces* sp. 3768

Unidentified / Hyphomycetes 12029  
12030 12041 12042 12047

Arkansas  
*Beauveria bassiana* 3769 7404  
*Pandora delphacis* 3484  
*Pandora heteropterae* 9266

*Pandora neoaphidis* 3248 3249 3250  
3251

*Smittium* sp. 9087

*Sorosporella uvella* 1123

Unidentified / Hyphomycetes 5237  
5238 5239 5240 5241

California  
*Amoebidium parasiticum* 9257

*Drechslerella dactyloides* 2934 3733  
5433

*Arthrobotrys haptotyla* 5435

*Arthrobotrys musiformis* 3730

*Arthrobotrys oligospora* 3732

*Arthrobotrys thaumasia* 5434

*Basidiobolus haptosporus* 262 264

*Basidiobolus microsporus* 265 267 268  
269

*Basidiobolus ranarum* 260

*Beauveria bassiana* 5970 5971 5972  
6147 6148 6660 6661 7060 8318  
8933 8934 8935 8936 8937 8938 8939  
8940 8958 8959 8960 8961 8962 8963  
8964 8965 8966 8967 8968 8969 8970  
8971 8972 8973 8974 8975 8976 8977  
8978 8979 8980 8981 8982 8983 9193  
9194 9195 9196 9197 9198 9199 9200  
9201 9202 9203 9204 9205 9206 9207  
9208 9209 9210 9211 9212 9213 9214  
9215 9216 9219 9220 9221 9222 9223  
9224 9225 9226 9227 9228 9229 9230  
9231 9232 9233 9234 9345 9346 9347  
9348 9349 9350 9351 9352 9353 9587  
10186 10595 10617 10664 11541  
11571 11574 11578 11621 11622  
11623 11624 11625 11626 11627

*Beauveria pseudobassiana* 10634

*Conidiobolus coronatus* 11651

*Conidiobolus obscurus* 74

*Conidiobolus* sp. 1672

*Conidiobolus thomboides* 15 29 115  
208

*Dactylella oxyspora* 4801

*Drechmeria coniospora* 3346

*Duddingtonia flagrans* 5701

*Entomophaga aulicae* 4004 4005 4006  
4007 4008

*Entomophthora muscae* 2172

*Evlachovaea* sp. 9164 9165 9166 9167  
9168 9169 9170 9171 9172 9173 9174  
9185 9186 9187 9188 9189 9190 9191  
9192 9237

*Fusarium* sp. 3668 3669 3670 3671  
3673 3674 3675 3678 10470

*Geotrichum* sp. 11653 11654

*Haptocillium balanoides* 3350

*Harposporium lilliputanum* 8425

*Harposporium microsporum* 8424

*Harposporium oxycoracum* 8426

*Hirsutella rhossiliensis* 2788 2789  
2790 2791 2792 2793 2794 2931  
2932 2933 3747 3748 3750 3751 3752  
3753 3754 3755 3756 3757 3758 3759  
3761

*Hirsutella* sp. 2795 2796 2797 2798  
2799 2801 2802 2803

*Hirsutella thompsonii* 2800

<i>Isaria farinosa</i> 1939 3658 3659 3661	11424 11425 11427 11428 11429	Sterile mycelium 5819	
<i>Isaria fumosorosea</i> 3660 3662 3663 4480 4481 4489	11430 11431 11432 11439 11440	Unidentified sp. 3722	
<i>Isaria</i> sp. 11628	11441 11442 11443 11444 11451	Delaware	
<i>Lagenidium giganteum</i> 1384 3327	11452 11453 11454 11458 11460	<i>Beauveria bassiana</i> 2570 2571 2572 2573	
<i>Lecanicillium muscarium</i> 3324	11465 11472 11474 11477 11479	<i>Zoophthora phytonomi</i> 2188	
<i>Lecanicillium</i> sp. 9163 11638 11639 11640 11641 11642 11643 11644 11645 11646 11647 11649	11481 11482 11483 11484 11486	District of Columbia	
<i>Metarhizium anisopliae</i> 9354	11490 11491 11493 11494 11495	<i>Fusarium coccophilum</i> 821 <i>Myrothecium verrucaria</i> 7757	
<i>Metarhizium anisopliae</i> sensu lato 8956 8957 9150 9151 9152 9153 9154 9155 9156 9157 9158 9159 9160 9161 9162 9439	11496 11497 11498 11500 11501	Florida	
<i>Monacrosporium cionopagum</i> 3349	11503 11504 11507 11513 11514	<i>Akanthomyces clavatus</i> 7577 <i>Aphanocladium album</i> 3680	
<i>Monacrosporium ellipsosporum</i> 3348 3731 5702	11515 11516 11517 11520 11523	<i>Aschersonia aleyrodis</i> 341 342 430 432 7339 7340 7343 7344	
<i>Metarhizium robertsii</i> 1897	11524 11525 11526 11527 11528	<i>Aschersonia andropogonis</i> 7341 7342	
<i>Myriodontium keratinophilum</i> 368 386	11529 11610 11611 11875 11886	<i>Aschersonia cubensis</i> 7307 7308 7309 7312 7334	
<i>Nematoctonus</i> sp. 3351	11887 11891	<i>Aschersonia goldiana</i> 343	
<i>Purpureocillium lilacinum</i> 9238 9239 9240 10128 10129 10130	<i>Beauveria pseudobassiana</i> 10658	<i>Aschersonia</i> sp. 7310 7311 7313 7314	
<i>Pandora neoaphidis</i> 6902	10667 10668 10670 10671 10672	7317 7318 7319 7320 7321 7322 7323	
<i>Smittium culisetae</i> 9095	10674 10676 10677 10707 10709	7324 7325 7326 7327 7328 7329 7337	
<i>Tolyphocladium cylindrosporum</i> 705 1580	10720 10730 11110	<i>Aschersonia turbinata</i> 7296 7297 7298 7299 7300 7301 7302 7303 7304 7305	
Colorado	<i>Evlachovaea</i> sp. 7543	7306 7315 7316 7331 7332 7333 7335 7336	
<i>Beauveria amorpha</i> 7542 11113	<i>Lecanicillium</i> sp. 7544	<i>Ascospheara apis</i> 6362	
<i>Batkoia apiculata</i> 3080	<i>Metarhizium</i> sp. 9686 9693 9757 9763	<i>Aspergillus nidulans</i> (?) 6515	
<i>Beauveria bassiana</i> 7540 7541 10577 10596 10597 10613 10619 10620	9764 9768 9769 9770 9771 9772 9773	<i>Aspergillus ochraceus</i> (?) 7027	
10621 10622 10627 10645 10647 10651 10652 10653 10657 10659 10660 10661 10662 10663 10665 10666 10669 10673 10678 10705 10706 10708 10710 10711 10712 10713 10714 10721 10723 10727 10728 10729 10995 10996 11019 11083 11084 11085 11086 11088 11089 11090 11091 11092 11093 11094 11095 11106 11107 11108 11109 11111 11112 11114 11115 11116 11117 11121 11122 11123 11131 11132 11133 11134 11135 11136 11137 11138 11139 11145 11146 11148 11150 11154 11155 11156 11157 11158 11159 11160 11161 11162 11163 11164 11165 11166 11168 11169 11170 11171 11173 11175 11176 11178 11179 11180 11181 11182 11183 11184 11185 11218 11219 11220 11240 11243 11244 11245 11251 11252 11253 11254 11259 11260 11261 11262 11263 11268 11278 11279 11282 11283 11284 11285 11286 11287 11312 11326 11330 11344 11345 11352 11353 11354 11355 11360 11361 11362 11363 11365 11368 11369 11370 11371 11372 11377 11378 11381 11382 11384 11386 11388 11389 11390 11391 11392 11393 11394 11395 11398 11402 11405 11409 11410 11411 11412 11413 11416 11418 11423	9953 9954 9955 9957 9958 9959 9960 9961 9962 9963 9964 9969 9970 9971 9972 9973 9974 9978 9979 9984 9987 9988 9989 9990 9991 9992 9993 9994 9995 9996 9997 10004 10028 10029 10030 10033 10034 10035 10036 10037 10038 10039 10040 10044 10045 10046 10047 10053 10055 10057 10062 10067 10069 10070 10071 10077 10080 10083 10084 10087 10088 10093 10094 10099 10100 10106 10111 10112 10113 10114 10115 10117 10118 10316 10319 10320	<i>Purpureocillium lilacinum</i> 7545 7546 7547 7548	<i>Aspergillus sydowii</i> 8379 8382
<i>Pandora neoaphidis</i> 3081 3082	<i>Myriodontium keratinophilum</i> 11186	<i>Basidiobolus ranarum</i> 5889 5890 5891 5892 5893 5894 5895 5896 5897 5898 5899 5900 5901 5902 5903 5904 5905 5906 5907 5908 5909 5910 5911 5912 5913 5914 5915 5916 5917 5918 5919 5920 5921 5922 5923 5924 5925 5926 5927 5928 5929 5930 5931 5932 5933 5934 5935 5936 5937 5938 5939 5940 5941 5942 5943 5944 5945 5946 5947 5948 5949 5950 5951	
<i>Smittium coloradense</i> 9001 9002	<i>Pandora</i> sp. 2048 2049 2050 2051 2052	<i>Basidiobolus</i> sp. 2048 2049 2050 2051	
<i>Smittium culisetae</i> 9012	<i>Smittium fecundum</i> 9022 9083	<i>Beauveria bassiana</i> 320 412 413 416 2236 2869 3086 5973 5974 5977 5978 5979 5980 5981 5985 5986 5988 5989 5991 7940	
<i>Smittium perforatum</i> (?) 9055	<i>Smittium tipulidarum</i> 9052 9053 9054 9122	<i>Beauveria bassiana</i> (?) 5975 5976	
<i>Connecticut</i>	<i>Entomophaga maimaiga</i> 2775	<i>Conidiobolus coronatus</i> 3222	
	<i>Hirsutella</i> sp. 3266	<i>Cladosporium cladosporioides</i> 3085	
	<i>Isaria farinosa</i> 5826 5827	<i>Cladosporium sphaerospermum</i> 6516	
	<i>Lecanicillium lecanii</i> 5759	<i>Conidiobolus</i> sp. 3406 3407	
	<i>Lecanicillium lecanii</i> (?) 11815	<i>Conidiobolus thromboides</i> 39	
	<i>Lecanicillium muscarum</i> (?) 11816	<i>Hirsutella citriformis</i> 1035 1446 8315 9180 11665	
	<i>Mariannaea</i> sp. 3264 3265 3267 3268 3269 3270	<i>Hirsutella</i> sp. 7578	
	<i>Metarhizium anisopliae</i> sensu lato 3713 3720 6388	<i>Hirsutella thompsonii</i> 137 241 253	
	<i>Metarhizium brunneum</i> 6392 7234 8415 8416 8417 8418 8419	<i>Isaria farinosa</i> 2954	
	<i>Metarhiziopsis microspora</i> 8676 11843	<i>Isaria fumosorosea</i> 2247 2658 3076 3083 3322 3682 4479 7347	
	<i>Metarhizium robertsii</i> 3721	<i>Isaria javanica</i> 322	
	<i>Myriangium</i> sp. 11852 11853 11858	<i>Lecanicillium longisporum</i> 321	
	<i>Myriodontium keratinophilum</i> 11837 11838	<i>Lecanicillium psalliota</i> 2234 2235	
		<i>Leptolegnia chapmanii</i> 2562 2680 2682	
		<i>Metarhizium anisopliae</i> sensu lato 4556	
		<i>Metarhizium anisopliae</i> sensu stricto 1080	

<i>Metarhizium pingshaense</i>	5197	10090	10091	10092	10097	10098	<i>Beauveria</i> sp.	12347	12348	12349
<i>Mucor fragilis</i>	11762	10122	10123	10124	10125	10321		12350	12351	12352
<i>Nomuraea rileyi</i>	6866 6868 6869 6870 6871 6872 6873 6876 6881 6882	3240	3365	3366	3367	6631		12353	12353	12354
<i>Purpureocillium lilacinum</i>	410 9610	<i>Pandora neoaphidis</i>	2874	2875	2876		12355			
<i>Paecilomyces</i> sp.	6883 8316	<i>Stachybotrys</i> sp.	2863				<i>Conidiobolus obscurus</i>	182		
<i>Podonectria coccicola</i>	3736	Unidentified sp.	3368				<i>Coelomycidium simulii</i>	218		
<i>Smittium culisetae</i>	9013	Unidentified / Zygomycetes	4970				<i>Conidiobolus</i> sp.	92 93 94 147 148		
<i>Sorosporella uvella</i>	1856	4971					<i>Conidiobolus thrombooides</i>	2 5 40 41 57		
<i>Stilbella buquetii</i>	2915	<i>Verticillium lecanii</i>	2859				<i>Entomophaga aulicae</i>	51 164 165 166 167 168 172 7140 7141 7142 7143 7144 7145		
<i>Tilachlidium</i> sp.	10132	<i>Zoophthora radicans</i>	2811				<i>Erynia rhizospora</i>	219		
<i>Tolyphocladium cylindrospororum</i>	2912	<b>Illinois</b>					<i>Hirsutella gigantea</i>	30		
<i>Trichoderma</i> sp.	3084	<i>Beauveria bassiana</i>	7152	7153	7154		<i>Hirsutella longicolla</i> var. <i>cornuta</i>	177 178		
Unidentified sp.	2563	<i>Erynia</i> sp.	1666				<i>Hirsutella myrmicarum</i>	11864		
Unidentified / Hyphomycetes	7345 7349	<i>Metarhizium anisopliae</i> sensu lato	7180				<i>Isaria fumosorosea</i>	9380		
<b>Georgia</b>		<i>Zoophthora phytonomi</i>	3342 3343 3344				<i>Lecanicillium muscarium</i>	204		
<i>Beauveria bassiana</i>	336 337 2676 5573	<i>Zoophthora radicans</i>	1938 2549 2550 2551 2552 2716 2717 2718 2719 2720 3283 3284				<i>Metarhizium anisopliae</i> sensu lato	7059		
<i>Beauveria caledonica</i>	7117	<b>Kansas</b>					<i>Pandora dipterigena</i>	131		
<i>Entomophaga aulicae</i>	251	<i>Beauveria bassiana</i>	792 2430 6471 11174 11177 11189 11190 11191 11192 11193 11197 11198 11570				<i>Pandora neoaphidis</i>	181		
<i>Fusarium</i> sp.	2568 2569	<i>Entomophaga calopteni</i>	2522				<i>Pandora nouryi</i>	199		
<i>Metarhizium anisopliae</i> sensu lato	11951	<i>Metarhizium robertsii</i>	6472				<i>Phoma</i> sp.	9920		
<i>Nomuraea atypicola</i>	7231	<i>Metarhizium</i> sp.	10013 10014 10018 10020				<i>Pochonia chlamydosporia</i>	7128		
<b>Hawaii</b>		<i>Smittium commune</i>	9085 9243 9244 9245				<i>Saprolegnia</i> sp.	179 180		
<i>Acremonium</i> (?) sp.	7031 7036	<i>Smittium culisetae</i>	9016 9017 9018 9112				<i>Tolyphocladium cylindrospororum</i>	7129		
<i>Beauveria bassiana</i>	3040 7030 8704 8705 8706 8707 8708 8709 8710 8711 8712 10471	<i>Smittium culicis</i>	9008				Unidentified sp.	9921		
<i>Beauveria kipukae</i>	7032	<i>Smittium gravimetallum</i>	9029 9036 9264				<i>Zoophthora occidentalis</i>	207		
<i>Cladosporium cladosporioides</i> (?)	7033	<i>Smittium megazygosporum</i> (?)	9027				<i>Zoophthora radicans</i>	21 44 45 50 52 88 141 142 143 144 145 146 163 221 223 224 225 226 227 228 229 230 231 232 233 234 235		
<i>Cladosporium</i> sp.	7035 7039	<b>Kentucky</b>					<b>Maryland</b>			
<i>Fusarium</i> sp.	3042	<i>Beauveria bassiana</i>	2270				<i>Aspergillus ochraceus</i>	2833		
<i>Isaria farinosa</i>	7094	<i>Beauveria brongniartii</i>	2271				<i>Basidiobolus</i> sp.	270		
<i>Isaria fumosorosea</i>	3889	<i>Isaria farinosa</i>	2269				<i>Beauveria bassiana</i>	2831 3404 3530 8998		
<i>Lecanicillium muscarium</i>	7034 7037	<i>Lecanicillium muscarium</i>	810				<i>Beauveria brongniartii</i>	7376		
<i>Metarhizium anisopliae</i> sensu lato	9217 9218	<i>Pandora neoaphidis</i>	3411 3412 3459				<i>Beauveria pseudobassiana</i>	3529		
<i>Metarhizium brunneum</i>	3045	Unidentified sp.	3239				<i>Conidiobolus adiaeetus</i>	451		
<i>Metarhizium pingshaense</i>	3044	Unidentified / Hyphomycetes	5244				<i>Candida</i> sp.	1877		
<i>Metarhizium robertsii</i>	3043	<b>Louisiana</b>					<i>Entomophaga maimaiga</i>	5377 5378 5379 5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390		
<i>Paecilomyces reniformis</i>	7040 7041	<i>Basidiobolus ranarum</i>	2787				<i>Fusarium polyphialidicum</i>	3696		
<i>Smittium culisetae</i>	9014 9026 9047 9098 9099 9100 9101 9102 9103 9104 9105 9106	<i>Beauveria bassiana</i>	6906 6907 6908				<i>Furia gastropachae</i>	5545 5546		
<i>Sporothrix</i> sp.	7038 7042	<i>Candida</i> sp.	1857				<i>Fusarium</i> sp.	3532		
<b>Idaho</b>		<i>Conidiobolus coronatus</i>	2715				<i>Hirsutella</i> sp.	8999		
<i>Beauveria bassiana</i>	2336 2860 2861 2864 2879 2880 2881 2882 2883 10926 11246 11247 11248 11249 11250 11346 11375 11417 11419 11420 11422 11447 11448 11505 11519 11530 11550 11573 11575 11917 11966 12100 12103 12110	<i>Conidiobolus lamprauges</i>	2338				<i>Isaria farinosa</i>	2131 2835 3492 3498 3507 3524 3526 3666		
<i>Beauveria pseudobassiana</i>	11105	<i>Conidiobolus osmodes</i>	193 447				<i>Penicillium</i> sp.	2834 2836		
<i>Conidiobolus coronatus</i>	2812 2813 2814	<i>Conidiobolus rhyssoporus</i>	448				<i>Schizangiella serpentis</i>	203		
<i>Conidiobolus thrombooides</i>	2828 2829 2849 2850	<i>Lagenidium giganteum</i>	749				<i>Syspastospora parasitica</i>	7285		
<i>Fusarium</i> sp.	2333 2337	<i>Metarhizium anisopliae</i> sensu lato	6909 6910 6911 8015				<b>Massachusetts</b>			
<i>Lecanicillium muscarium</i>	2334 2858 2862 2877 2878	<i>Smittium culisetae</i>	9024				<i>Acremonium</i> sp.	5773		
<i>Lecanicillium psalliotae</i>	2332	<b>Maine</b>					<i>Beauveria bassiana</i>	1 3037 5169 5170 5171 5770 5796		
<i>Metarhizium</i> sp.	9946 9948 9949 9956 10017 10032 10074 10075 10089	<i>Batko a apiculata</i>	129 174				<i>Entomophaga maimaiga</i>	2779 5564 6004 6005 6269 6270 6271 6272 7123 7124 7125 7126 7137 7138		
		<i>Beauveria bassiana</i>	252 353 8383 8384 8385 8386 8387 8388 8389 8390 8391 8392 8393 8394 8395 8396 8397 8398 8399 8400 8401 8402 8403 8404 8405 8406 8407 8408 9550 9558 9559 9560 9561 9562 9563 9564 9565 9566				<i>Fusarium polyphialidicum</i>	3694		
		<i>Beauveria brongniartii</i>	7058				<i>Fusarium</i> sp.	5803 5825		
							<i>Geotrichum</i> (?) sp.	5823		

## Geographical Origin

USA

<i>Isaria farinosa</i> 3 5178 5774 5775 5776 5784 5788 5790 5792 5797 5799 5800 5801 5802 5830	<i>Mucor circinelloides</i> 6470 <i>Purpureocillium lilacinum</i> 8268 8269	<i>Metarhizium anisopliae</i> sensu lato 6930
<i>Isaria</i> sp. 11630	Unidentified / Hyphomycetes 8155 8179 8183 8184	<i>Metarhizium</i> sp. 9748 9754 9880 9981 9982 9983 9999 10050 10051 10054 10103
<i>Lecanicillium(?)</i> sp. 9369	<i>Zoophtora radicans</i> 2977 2978 2979 2980	<i>Sorosporella</i> sp. 377
<i>Lecanicillium lecanii</i> 5785 5787 5794 5829	Minnesota	Nebraska
<i>Lecanicillium muscarium</i> 5165 5778 5779 5780 5782 5791 5798 5828	<i>Beauveria pseudobassiana</i> 8045 8046 <i>Conidiobolus thrombooides</i> 11664	<i>Beauveria bassiana</i> 3111 3112 10483 10564 10565 10567 10573 10574
<i>Lecanicillium muscarium(?)</i> 5777	<i>Pandora neoaphidis</i> 11663	10578 10583 10599 10603 10605
<i>Lecanicillium</i> sp. 3259 3260 9175 9176 11648	<i>Smittium culisetae</i> 9096	10606 10607 10629 10631 10639
<i>Mariannaea</i> sp. 3261 3262 3263	<i>Smittium simulii</i> 9043 9118 9134	10741 10746 10748 10749 10751
<i>Metarhizium anisopliae</i> sensu lato 6389 9590	Mississippi	10752 10754 10755 10756 10757
<i>Metarhiziopsis microspora</i> 8984 8985	<i>Beauveria bassiana</i> 8317 8889 <i>Evlachovaea</i> sp. 7372	10759 10760 10766 10767 10771
<i>Paecilomyces</i> sp. 5179 5180	<i>Lecanicillium muscarium</i> 7375	10773 10774 10800 10801 10802
<i>Penicillium</i> sp. 3036	<i>Metarhizium</i> sp. 10324	10803 10805 10807 10808 10812
<i>Pochonia bulbillosa(?)</i> 3035	<i>Nomuraea atypicola</i> 7130	10813 10814 10815 10820 10825
<i>Scopulariopsis</i> sp. 5164	<i>Nomuraea rileyi</i> 135	10833 10834 10836 10842 10843
<i>Trichoderma lignorum</i> 5176	Unidentified / Hyphomycetes 5245 5246 5247 5248	10844 10849 10851 10853 10855
<i>Verticillium lecanii</i> 5781 5783 5786 5789 5793 5820	Missouri	10856 10858 10860 10869 10870
Michigan	<i>Capniomyces stellatus</i> 9258 <i>Nomuraea rileyi</i> 762	10871 10873 10876 10877 10878
<i>Aspergillus flavus</i> 6469	<i>Smittium</i> sp. 9121 9145	10879 10880 10881 10921 11026
<i>Aspergillus</i> sp. 6571	Montana	11027 11028 11029 11030 11036
<i>Beauveria bassiana</i> 2580 5813 7160 7161 7162 7163 7165 8189 8190 8191 8192 8193 8194 8195 8260 8261 8262 8263 8271 8272 8273 8274 8275 8276 8771 8772 8773 8774	<i>Beauveria amorphula</i> 10650 <i>Batkoia apiculata</i> 3088 3091 <i>Beauveria bassiana</i> 6929 6931 6932 6933 6934 6935 6936 6937 6938 6939 6940 6941 6942 6943 6944 6948 6949 6950 6951 6952 6953 6954 6955 6956 6957 10649 10655 10656 10700 10704 11025 11031 11032 11033 11034 11035 11056 11057 11058 11059 11060 11061 11062 11063 11064 11065 11066 11069 11070 11071 11072 11073 11264 11265 11266 11267 11270 11271 11272 11273 11274 11275 11276 11277 11295 11299 11300 11301 11302 11303 11308 11309 11310 11314 11373 11414 11415 11421 11434 11435 11436 11437 11467 11470 11547 11553 11561 11565 11576 11581 11597 11916 12013 12014 12015 12016 12017 12020 12021 12107 12108 12125 12151 12208 12209 12210 12211 12240 12241 12242 12243 12244 12245 12246 12247 12248	11188 11584 11588 11589 11601 11874 11971 11976 11977 11978 11982 11983 11984 11991 11992 11993 11994 11995 11997 11999 12000 12001 12002 12003 12006 12022 12095 12096 12097 12098 12104 12106 12109 12111 12112 12113 12119 12121 12135 12136 12138 12139 12143 12144 12147 12148 12153 12154 12159 12161 12183 12184 12189 12191 12192
<i>Beauveria</i> sp. 8110 8111 8112 8113 8116 8117 8119 8120 8121 8122 8123 8124 8125 8126 8127 8128 8129 8130 8132 8133 8134 8135 8136 8137 8138 8139 8140 8141 8143 8144 8145 8146 8147 8148 8149 8150 8151 8152 8153 8154 8156 8158 8159 8160 8161 8164 8166 8167 8168 8169 8170 8171 8172 8173 8174 8175 8176 8177 8178 8180 8181 8182 8185 8186 8187 8188	<i>Beauveria pseudobassiana</i> 10616 10753 10772	<i>Beauveria pseudobassiana</i> 10616 10753 10772
<i>Conidiobolus</i> sp. 1967	<i>Entomophthora schizophorae</i> 5348	<i>Entomophthora schizophorae</i> 5348
<i>Entomophaga maimaiga</i> 6523 6524 6626 6627 6628 6629 6630 6652 6653 6654 6655 6656 6657 6663 6664 6665 6666 6667 6668 6724 6725 6726 6727 6728 6729 7101 7102 7103 7106 7107 7108 7109 7110 7111 7115	<i>Isaria</i> sp. 12190	<i>Isaria</i> sp. 12190
<i>Fusarium</i> sp. 8131 8266 8267	<i>Metarhizium</i> sp. 9637 9658 9659 9660 9662 9663 9664 9665 9666 9667 9668 9669 9670 9671 9672 9673 9674 9675 9676 9677 9678 9679 9680 9681 9682 9683 9684 9685 9687 9689 9690 9691 9692 9694 9695 9697 9698 9700 9706 9708 9709 9710 9711 9712 9713 9714 9715 9716 9717 9718 9719 9720 9721 9722 9723 9724 9725 9733 9734 9735 9736 9737 9738 9739 9740 9745 9746 9747 9750 9776 9777 9778 9780 9781 9782 9783 9784 9785 9786 9787 9788 9789 9790 9791 9792 9793 9794 9795 9796 9797 9798 9799 9800 9801 9802 9803 9804 9805 9806 9807 9808 9809 9810 9811 9812 9813 9814 9815 9816 9818 9819 9820 9821 9822 9823 9824 9825 9826 9839 9849 9850 9851 9852 9853 9854 9855 9856 9857 9858 9859 9860 9861 9862 9863 9864 9865 9866 9867 9868 9869 9870 9871 9872 9873 9874 9875 9876 9877 9878 9986 10001 10002 10003 10005 10006 10007 10008 10010 10011 10328	<i>Metarhizium</i> sp. 9637 9658 9659 9660 9662 9663 9664 9665 9666 9667 9668 9669 9670 9671 9672 9673 9674 9675 9676 9677 9678 9679 9680 9681 9682 9683 9684 9685 9687 9689 9690 9691 9692 9694 9695 9697 9698 9700 9706 9708 9709 9710 9711 9712 9713 9714 9715 9716 9717 9718 9719 9720 9721 9722 9723 9724 9725 9733 9734 9735 9736 9737 9738 9739 9740 9745 9746 9747 9750 9776 9777 9778 9780 9781 9782 9783 9784 9785 9786 9787 9788 9789 9790 9791 9792 9793 9794 9795 9796 9797 9798 9799 9800 9801 9802 9803 9804 9805 9806 9807 9808 9809 9810 9811 9812 9813 9814 9815 9816 9818 9819 9820 9821 9822 9823 9824 9825 9826 9839 9849 9850 9851 9852 9853 9854 9855 9856 9857 9858 9859 9860 9861 9862 9863 9864 9865 9866 9867 9868 9869 9870 9871 9872 9873 9874 9875 9876 9877 9878 9986 10001 10002 10003 10005 10006 10007 10008 10010 10011 10328
<i>Hirsutella nodulosa</i> 5473	<i>Beauveria bassiana</i> sensu lato 12356 12357 12358 12359 12360 12361	12356 12357 12358 12359 12360 12361
<i>Isaria farinosa</i> 9944 9945	12362 12363 12364 12365 12366	12356 12357 12358 12359 12360 12361
<i>Isaria farinosa(?)</i> 8806	12367 12368 12369 12370 12371	12356 12357 12358 12359 12360 12361
<i>Isaria fumosorosea</i> 8142	12372 12373 12374 12375 12376	12356 12357 12358 12359 12360 12361
<i>Lecanicillium lecanii</i> 7181 7182 8115	12377 12397 12398 12399 12400	12356 12357 12358 12359 12360 12361
<i>Lecanicillium muscarium</i> 8114 8118 8157 8163 8165	12401 12402 12403 12404 12405 12406 12407 12408	12356 12357 12358 12359 12360 12361
<i>Lecanicillium muscarium(?)</i> 8162 8265	<i>Beauveria pseudobassiana</i> 10648 10701 10703 11067 11068 11074	12356 12357 12358 12359 12360 12361
<i>Metarhizium anisopliae</i> sensu lato 8196 8197 8198 8199 8270 8653 8654 8655 8656 8657 8658 8659	<i>Beauveria</i> sp. 32	12356 12357 12358 12359 12360 12361
<i>Metarhizium robertsii</i> 1968	<i>Conidiobolus obscurus</i> 3089 3090 3092 <i>Conidiobolus thrombooides</i> 22 2914 <i>Entomophaga calopteni</i> 408	12356 12357 12358 12359 12360 12361

10332 10333 10337 10338 10339	New Mexico	5054 5055 5056 5057 5058 5059 5060
<i>Myriodontium keratinophilum</i> 11998	<i>Aspergillus</i> sp. 12051	5061 5062
<i>Smittium culisetae</i> 9246	<i>Beauveria bassiana</i> 8601 11400 11492	<i>Elaphocordyceps ophioglossoides</i> 4826
Nevada	11970 11979 11990 12124	4827 4828 4829 4830 4831 4832 4833
<i>Ascospheara aggregata</i> 689	<i>Penicillium</i> sp. 12049	4834 4835 4836 4837
<i>Beauveria bassiana</i> 11149 11151	Unidentified / Hyphomycetes 12027	<i>Ophiocordyceps variabilis</i> 4080 5365
11152 11153 11194 11195 11196	12028	5366 5367 5414 5415 5416 5417 5418
11208 11209 11210 11211 11227	New York	5419 5420 5421 5422 5423 5424 5425
11228 11229 11258 11316 11327	<i>Arthrobotrys oligospora</i> var. <i>oligospora</i>	5426 5427 5428 5429
11329 11331 11332 11333 11334	3369 3370	<i>Conidiobolus</i> sp. 7942 8429 11763
11337 11343 11347 11348 11349	<i>Drechslerella dactyloides</i> 3371 3372	<i>Conidiobolus stromoideus</i> 8430
11350 11351 11471 11476 11532	3373 4955	<i>Conidiobolus thombooides</i> 3129 7209
11546 11551 11555 11558 11559	<i>Arthrobotrys oligospora</i> 4967 5411	7210 7211
11572 11600 11606 11893 11894	<i>Aspergillus</i> sp. 6604	<i>Drechmeria coniospora</i> 3354
11895 11896 11897 11899 11900	<i>Basidiobolus haptosporus</i> 8307 8309	<i>Entomophaga aulicae</i> 3016 3039 3212
11964 11975 11980 11981 11996	<i>Basidiobolus ranarum</i> 8308	3602
12009 12011 12018 12019 12105	<i>Batkoia apiculata</i> 3130 3136 3140	<i>Entomophaga conglomerata</i> 2273
12123 12187 12188	<i>Batkoia major</i> 2936 3102 3103	<i>Entomophaga macleodii</i> 382 499
<i>Lecanicillium lecanii</i> (?) 11972	<i>Batkoia</i> sp. 3131 7370	<i>Entomophaga maimaiga</i> 3052 3053
<i>Metarhizium robertsii</i> 10000	<i>Beauveria bassiana</i> 350 534 535 536	3828 3829 3830 3831 3832 3833 3834
<i>Metarhizium</i> sp. 9980 10009 10012	1038 1039 1081 1619 1620 1621	3835 4508 4509 4510 4549 4550 4551
10015 10016 10019 10024 10025	1622 1623 1624 1704 1705 1706 1707	5391 5392 5393 5394 5395 5396 5397
10026 10063 10064 10065 10072	1708 1709 1710 1711 1712 1713 1721	5398 5399 5400 5401 6625
10073 10076 10317	1722 1723 1749 1750 1775 1776 1777	<i>Engyodontium album</i> 6002
New Hampshire	1778 1779 1780 1781 2030 2031 2032	<i>Engyodontium aranearium</i> 6441
<i>Acremonium bactrocephalum</i> 10169	2033 2034 2953 3460 3667 4462 4463	<i>Entomophthora muscae</i> 454 556 557
<i>Acremonium</i> (?) sp. 9368	4464 4523 4524 4525 4526 4527 4528	651 803 826 2014 3074 7371
<i>Beauveria bassiana</i> 10139	4529 4530 4531 4532 4533 4534 4535	<i>Erynia aquatica</i> 750 764
<i>Conidiobolus</i> sp. 11650	4536 4537 4538 4539 4540 4543 4688	<i>Erynia conica</i> 2274 2275
<i>Doratomyces</i> (?) sp. 9367	4691 4692 4693 4694 4695 4696 4697	<i>Erynia rhizospora</i> 801 2276
<i>Entomophaga maimaiga</i> 2780	4973 4974 4975 4976 4977 4978 4979	<i>Erynia sepulchralis</i> 12250
<i>Eurotiomycetes</i> , genus undetermined	5339 5340 5341 5342 5343 5344 5345	<i>Erynia</i> sp. 5352
9360 9361	5346 5347 5533 5534 5535 5536 5537	<i>Fusarium polyphtalicidicum</i> 3692 3693
<i>Evilachovaea</i> sp. 11788	5808 6150 6151 6152 6153 6216 6217	5351
<i>Exophiala</i> sp. 9362	6391 6578 6986 6987 6988 7158 7159	<i>Furia gastropachae</i> 5541 5542 5543
<i>Fusarium</i> sp. 11790	7179 8237 8238 8239 8240 8241 8242	5544 5547
<i>Hirsutella homalodisca</i> (?) 10133	8243 8244 8245 8246 8247 8412 8413	<i>Furia pieris</i> 781
<i>Hirsutella rhossiliensis</i> 11820	9551 9552 9553 9554 9555 9556 9557	<i>Fusarium oxysporum</i> 4963 4964
<i>Isaria farinosa</i> 11823	11848	<i>Fusarium</i> sp. 4825 4956 4962
<i>Lecanicillium evansii</i> (?) 11785	<i>Beauveria brongniartii</i> 6213 6214	<i>Gibellula</i> sp. 8927
<i>Lecanicillium fusisporum</i> (?) 10184	6215	<i>Gliocladium roseum</i> 3001
<i>Lecanicillium muscarium</i> 10178 11803	<i>Batrachochytrium dendrobatidis</i> 7191	<i>Haptocillium balanooides</i> 3173
11818	<i>Beauveria</i> sp. 12339 12340 12341	<i>Harposporium anguillulae</i> 4954 5407
<i>Lecanicillium psalliota</i> 10177	12342 12343 12344 12345 12346	5408 5409
<i>Lecanicillium</i> sp. 9924 9925 9926	<i>Conidiobolus adiaearetus</i> 8427	<i>Harposporium botuliniforme</i> 10275
10206 10207 10302 10303 10304	<i>Calcarisporium arbuscula</i> 5999	<i>Harposporium coeleatum</i> 9382
10305 10306	<i>Conidiobolus coronatus</i> 3087 3099	<i>Harposporium spirosorum</i> 8821
<i>Mariannaea</i> sp. 3258 10185 10204	3109 7922	10271
10205	<i>Conidiobolus iuxtagenitus</i> 7944	<i>Hirsutella brownorum</i> 3509
<i>Metarhizopsis microspora</i> 11851	<i>Cladosporium</i> sp. 4795	<i>Hirsutella rhossiliensis</i> 3207 3765
<i>Myriangium</i> sp. 9915 9916 9917 9918	<i>Conidiobolus megalotocus</i> 8428	<i>Hymenostilbe verrucosa</i> 2002
9919	<i>Conidiobolus obscurus</i> 3132 3133 3134	<i>Isaria farinosa</i> 648 697 2564 3017
<i>Phoma</i> sp. 9923	3135 3137 3138 3139 3141	3152 3461 3595 3596 3597 3598 3599
<i>Rhinocladiella</i> (?) sp. 9365 9922	<i>Colletotrichum fioriniae</i> 10219 10220	4090 5548 8411 10165 11835
<i>Tolyphocladium inflatum</i> 3398	10221 10222 10223	<i>Isaria fumosorosea</i> 4698 4699 4700
<i>Tripospermum</i> sp. 9363	<i>Cordyceps militaris</i> 4081 4082 4083	4701 4702 4703 4704 4705 4706 4707
Unidentified / Hyphomycetes 9364	4084 4085 4086 4087 4088 4089 4838	4708 4709 4710 4711
9366 10307	4839 4840 4841 4842 5002 5003 5004	<i>Isaria</i> sp. 10162
New Jersey	5005 5006 5007 5008 5009 5010 5011	<i>Isaria tenuipes</i> 5134 5135
<i>Fusarium</i> sp. 3030 3031 3032 10311	5012 5013 5014 5015 5016 5017 5018	<i>Lecanicillium</i> nr. <i>aranearium</i> 11811
10312 10313 10388 10389 10390	5019 5020 5021 5022 5023 5024 5025	<i>Lecanicillium evansii</i> (?) 11796
10391 11655	5026 5027 5028 5029 5030 5031 5032	<i>Lecanicillium fusisporum</i> 11787 11808
<i>Lecanicillium muscarium</i> 5795	5033 5034 5035 5036 5037 5038 5039	<i>Lecanicillium longisporum</i> 7923
<i>Scopulariopsis</i> sp. 10309 10310	5040 5041 5042 5043 5044 5045 5046	<i>Lecanicillium muscarium</i> 900 3600
Unidentified / Hyphomycetes 10386	5047 5048 5049 5050 5051 5052 5053	3601 8714 10173
10387 10392		

## Geographical Origin

USA

<i>Lecanicillium psalliotae</i> 4960 4965 10170 10179	<i>Tolyptocladium inflatum</i> 3790 4877 4878 4879 4880 4881 4882 4883 4884	12288 12289 12290 12291 12292
<i>Lecanicillium</i> sp. 10154 10217 10218 11798	4885 4886 4887 4888 4889 4890 4891 4892 4893 4894 4895 4896 4897 4898	12293 12294 12295 12296 12297
<i>Lecanicillium wallacei</i> (?) 10172	<i>Triacutus subcuticularis</i> 10260	12298 12299 12300 12301 12302
<i>Leptolegnia chapmanii</i> 6718	Unidentified sp. 1922 3128	12303 12304 12305 12306 12307
<i>Mariannaea elegans</i> 5338	Unidentified Entomophthorales sp.	12308 12309 12310 12311 12312
<i>Mariannaea</i> sp. 3257 10150 10151	7227 7228 7229 7230	12313 12314 12315 12316 12317
<i>Massospora cicadina</i> 374	Unidentified / Hyphomycetes 2999 4689 4690	12318 12319 12320 12321 12322
<i>Metarhizium anisopliae</i> sensu lato 1280 2548 3330 3331 3332 3333 3334 3335 3336 3337 3338 3339 3340 4522 4819 4820 4821 4822 4823 4824 6167 8248 8249 8323 8324 8325 8326 8327 9372 9373 9374 11850	Unidentified / Zygomycetes 7943	12323 12324 12325 12326 12327
<i>Monacrosporium cionopagum</i> 4966	<i>Lecanicillium flavidum</i> 4519	12328 12329 12330 12331 12332
<i>Monacrosporium ellipsosporum</i> 4957 4959	<i>Zoophtora occidentalis</i> 2841 3027 3028 3029 3071 3073	12333 12334 12335 12336 12337
<i>Metarhiziopsis microspora</i> 8986 8987 8988 11842	<i>Zoophtora phytonomi</i> 202	12378 12379 12380 12381 12382
<i>Metarhizium robertsii</i> 1298 1878 2547 3108 3211 4123 8321 8322	<i>Zoophtora radicans</i> 237 238 239 800 3104 3105 3376 3377 3390 4520	12383 12384 12385 12386 12387
<i>Myriangium</i> sp. 11854 11855 11857	North Carolina	12388 12389 12390 12391 12392
<i>Myriangium duriaeae</i> 8924 8925	<i>Candida</i> cf. <i>pseudoglaebara</i> 7146	12393 12394 12395
<i>Neozygites floridana</i> (?) 5201 5202 5376	<i>Conidiobolus brefeldianus</i> 452	<i>Fusarium</i> sp. 7382
<i>Paecilomyces carneus</i> 11836	<i>Conidiobolus coronatus</i> 8023	<i>Metarhizium</i> sp. 9618 9620 9621 9622
<i>Purpureocillium lilacinum</i> 9371	<i>Conidiobolus</i> sp. 3409	9623 9624 9625 9626 9627 9628
<i>Pandora delphacis</i> 3062 3072 3093 3094 3095 3096 3106 3107	<i>Culicinomyces clavisporus</i> 372 582 583 584 585 706	9630 9631 9632 9633 9634 9635 9638
<i>Pandora dipterigena</i> 1887 1921 1923	<i>Hirsutella thompsonii</i> var. <i>vinacea</i> 254	9639 9640 9642 9644 9645 9646 9647
<i>Pandora neoaphidis</i> 1570 2583 2584 2585 2587 2588 2589 2591 2592 2593 2594 2754 2755 2756 2757 2758 2760 2761 2762 2763 2766 2767 2768 2769 2773 2781 2782 2783 2784 2837 2838 2839 2840 2842 2844 2845 2846 2847 2848 2851 2852 2853 2854 2855 2856 2865 2866 2867 2868 2870 2872 2873 7212 7213 7214 7226 8607	<i>Isaria farinosa</i> 8770	9648 9649 9650 9656 9657 9688 9701
<i>Penicillium</i> sp. 6603	<i>Lagenidium giganteum</i> 373 748	9702 9705 9707 9730 9760 9761 9817
<i>Penicillium vulpinum</i> 7057	<i>Metarhizium anisopliae</i> sensu lato 8769	9828 9829 9831 9832 9833 9834 9838
<i>Pochonia bulbillosa</i> 11800	<i>Metarhizium robertsii</i> 23	9844 9845 10325 10326 10327 10329
<i>Pochonia chlamydosporia</i> var. <i>chlamydosporia</i> 11801 11810	<i>Neozygites</i> sp. 662	10330 10331 10335 10336 10340
<i>Pochonia</i> sp. 10261	<i>Scopulariopsis brevicaulis</i> 9943	10341 10342 10344 10345
<i>Polycephalomyces tomentosus</i> 5353	<i>Septobasidium burtii</i> 7097 7098	<i>Myriodontium keratinophilum</i> 10547
<i>Pseudomeria mucosa</i> 8993 9383 9384 10272	<i>Smittium culisetae</i> 7100	<i>Syngliocladium</i> sp. 5217
<i>Rotiferophthora angustispora</i> 8991 9385 9386	Unidentified sp. 3739	<i>Syngliocladium tetanopsis</i> 4972 5497 5577
<i>Rotiferophthora barronii</i> 10267	North Dakota	NY
<i>Rotiferophthora brevipes</i> 8994	<i>Beauveria bassiana</i> 5466 5467 6945 6946 6947 10479 10482 10484 10485 10486 10487 10488 10489 10496	<i>Metarhizium anisopliae</i> sensu lato 3827
<i>Rotiferophthora cylindrospora</i> 8992 9547 9548 10273	10497 10498 10500 10503 10504 10508 10511 10512 10513 10514 10517 10519 10520 10521 10523 10524 10525 10527 10528 10529 10530 10536 10537 10538 10542 10543 10546 10549 10561 10586 10600 10601 11502 11566 11567 11591 11592 11593 11594 11595 11596 11598 12131 12133 12142 12152 12160 12162 12185 12196 12197 12198 12200 12201 12202 12203 12204 12205 12206 12207 12212 12213 12214 12215 12216 12217 12218 12219 12220 12221 12222 12223 12224 12225 12226 12227 12228 12229 12230 12231 12232 12233 12234 12235 12236 12237 12238 12239	<i>Metarhizium brunneum</i> 3826
<i>Rotiferophthora denticulospora</i> 9549	<i>Beauveria bassiana</i> sensu lato 12252	Ohio
<i>Rotiferophthora globospora</i> 8995	12253 12254 12255 12256 12257	<i>Beauveria bassiana</i> 296 306 307
<i>Rotiferophthora guttulaspora</i> 10269	12258 12259 12260 12261 12262	<i>Engyodontium aranearium</i> 2929 2935
<i>Rotiferophthora intermedia</i> 10270	12263 12264 12265 12266 12267	Oklahoma
<i>Rotiferophthora ovispora</i> 10274	12268 12269 12270 12271 12272	<i>Beauveria bassiana</i> 10568 10569
<i>Rotiferophthora</i> sp. 9542 9543 10263 10264 10265 10266	12273 12274 12275 12276 12277	10579 10581 10584 10585 10587
<i>Smittium culicis</i> 9011	12278 12279 12280 12281 12282	10612 10780 11599 11607 11608
Sterile mycelium 3735	12283 12284 12285 12286 12287	<i>Beauveria pseudobassiana</i> 2455
<i>Sympastospora parasitica</i> 5375		<i>Smittium acutum</i> 9092
		<i>Smittium caudatum</i> 9000 9261
		<i>Smittium stenosporum</i> 9023
		Oregon
		<i>Acremonium berkeleyanum</i> 2067
		<i>Acrodontium crateriforme</i> 2070
		<i>Aphanocladium album</i> 5998
		<i>Ascospaera aggregata</i> 690
		<i>Ascospaera apis</i> 691 692
		<i>Ascospaera atra</i> 693
		<i>Ascospaera proliperda</i> 6363
		<i>Aspergillus</i> sp. 6364
		<i>Beauveria bassiana</i> 201 2054 5997 7356 7357 7358 7359 7362 7363 7364 7365 10576 10611 10625 10632
		11289 11366 11367 11383 11385
		11406 11407 11445 11446 11533
		11534 11583 11967 12145 12156
		<i>Beauveria brongniartii</i> 10277 10278
		10279 10280
		<i>Beauveria pseudobassiana</i> 10575 10594 10598 10618 10623 10628
		<i>Beauveria</i> sp. 11387
		<i>Elaphocordyceps capitata</i> 8009

<i>Entomophaga macleodii</i> 4948 4949 4950 4951 4952 4953	<i>Hypocrella phyllogena</i> 7401 7369	<i>Cordyceps cardinalis</i> 7192 7193 7194
<i>Fusarium avenaceum</i> 2060	<i>Lecanicillium lecanii</i> 7385 7408	<i>Conidiobolus</i> sp. 8313 8314
<i>Fusarium merismoides</i> 2059	<i>Lecanicillium</i> sp. 7407	<i>Isaria cateniamannulata</i> 8310
<i>Humicola</i> sp. 2069	<i>Metarhizium</i> sp. 7389	<i>Macrobiotophthora vermicola</i> 650
<i>Isaria farinosa</i> 2057 2937 5996	<i>Paecilomyces</i> sp. 7075 7388	<i>Smittium culisetae</i> 9039 9058 9069 9071 9113
<i>Lecanicillium muscarium</i> 2065 2066	<i>Tilachlidium</i> sp. 7072	<i>Smittium culicis</i> 9010
<i>Metarhizium anisopliae</i> sensu lato 7494	<i>Torrubiella</i> sp. 7088	<i>Smittium lentaquaticum</i> 9068 9082 9253
<i>Metarhizium brunneum</i> 2107	Unidentified sp. 7070	<i>Smittium orthocladii</i> 9080
<i>Mortierella histoplasmatooides</i> 2063	Unidentified / Hyphomycetes 7074 7076 7078 7081 7086 7384 7386 7392	<i>Smittium</i> sp. 9038 9070 9081 9148
<i>Mortierella hyalina</i> 2061	Rhode Island	Unidentified / Hyphomycetes 5242 5243
<i>Metarhizium</i> sp. 4998 5000 5076 5077 9699 9729 9751 10078 10081 10082 10104 10105 10126 10314	<i>Beauveria bassiana</i> 317 318	Texas
<i>Myriodontium keratinophilum</i> 12155	<i>Colletotrichum</i> sp. 12083	<i>Ascospaera apis</i> 2683 7405 7406
<i>Paecilomyces</i> sp. 8004	<i>Fusarium</i> sp. 12072 12073 12074 12075 12076 12077 12078 12079 12084	<i>Aspergillus parasiticus</i> 5470
<i>Penicillium thomii</i> 2056	<i>Lecanicillium</i> sp. 12052 12053 12054 12055 12056 12057 12058 12059	<i>Aspergillus</i> sp. 7048
<i>Phialophora malorum</i> 2072	12060 12061 12062 12063 12064	<i>Beauveria bassiana</i> 3097 5465 7795 9355 10582 10602 10610 10624 10679
<i>Phoma cava</i> 2071	12065 12066 12067 12068 12069 12070 12071	10681 10682 10683 10684 10685
<i>Pochonia suchlasporia</i> var. <i>catenata</i> 2064	<i>Penicillium</i> sp. 5733	10686 10687 10689 10691 10692
<i>Smittium</i> sp. 9051 9086	<i>Rhinocladiella</i> (?) sp. 12080 12081 12082	10693 10694 10695 10696 10697
Sterile mycelium 2073	Unidentified / Hyphomycetes 12085	10698 10758 10761 10762 10763
<i>Trichothecium roseum</i> 2055	South Carolina	10764 10765 10769 10775 10776
Unidentified sp. 2528	<i>Arthrobotrys oligospora</i> 3347	10777 10778 10779 10781 10782
Unidentified / Hyphomycetes 5199	<i>Leptolegnia chapmanii</i> 2681	10783 10784 10785 10786 11103
Pennsylvania	<i>Metarhizium robertsii</i> 2575	11104 11118 11119 11120 11124
<i>Aphanomyces</i> sp. 2005	<i>Saprolegnia</i> sp. 6427	11125 11126 11127 11128 11129
<i>Beauveria bassiana</i> 2976 5493 5494	<i>Smittium culisetae</i> 6810 9032 9056	11130 11140 11141 11142 11143
<i>Beauveria pseudobassiana</i> 3528	<i>Smittium megazygosporum</i> 6275 9037	11144 11199 11200 11201 11202
<i>Catenaria anguillulae</i> 2015	<i>Smittium morbosum</i> 9060 9061	11203 11204 11205 11207 11212
<i>Cordyceps militaris</i> 8012	South Dakota	11213 11214 11215 11221 11224
<i>Entomophaga maimaiga</i> 7120 7121 7122 7131 7132 7133 7134 7135 7136 7190 7352 7353	<i>Beauveria bassiana</i> 2579 10490 10491 10493 10494 10495 10501 10502	11237 11269 11280 11281 11288
<i>Fusarium polypähladicum</i> 3916	10518 10522 10526 10532 10548	11291 11321 11322 11508 11509
<i>Fusarium</i> sp. 11948 11949 11950	10609 10638 10640 10654 10680	11510 11511 11522 11535 11536
<i>Hirsutella rhossiliensis</i> 2006 2007 2008 3744 3745 3746	10702 10787 10791 10792 10793	11537 11538 11539 11544 11548
<i>Isaria farinosa</i> 20 3221 3491 3499 3500 3506 3523	10794 10795 10797 10798 10804	11552 11554 11602 11888 11889
<i>Lagenidium caudatum</i> 2003	10809 10810 10811 10821 10822	11890 11892 12023 12024 12120
<i>Lecanicillium</i> sp. 3253 3254 3255	10826 10831 10835 10837 10838	12122
<i>Leptolegnia</i> sp. 2004	11292 11293 11294 11296 11297	<i>Beauveria pseudobassiana</i> 10688
<i>Mariannaea</i> sp. 3252	11298 11313 11317 11328 11335	<i>Beauveria</i> sp. 11743 11744
Puerto Rico	11336 11338 11339 11340 11341	<i>Candida</i> sp. 5729
<i>Acremonium</i> sp. 7402	11342 11364 11376 11379 11396	<i>Conidiobolus</i> sp. 2819 2928
<i>Aschersonia aleyrodis</i> 7393 7394	11399 11401 11408 11449 11450	<i>Fusarium</i> sp. 5332 12032 12033 12034 12035 12036 12037 12040
<i>Aschersonia andropogonis</i> 7391 7398	11457 11459 11461 11462 11463	<i>Hirsutella thompsonii</i> 259
<i>Aschersonia rhombispora</i> 7390 7395 7399 7400	11480 11485 11487 11488 11512	<i>Isaria farinosa</i> 3572 3574 3575 3576
<i>Aschersonia</i> sp. 5215 7071 7073 7077 7082 7083 7084 7085 7087	11521 11545 11579 11986 11987	3578 3579 3580 3582 3583 3584 3585
<i>Aschersonia turbinata</i> 7080	12130 12132	3586 3587 3588 3589 3591 3592 3593
<i>Balansia</i> sp. 7089	<i>Entomophaga calopteni</i> 498	5306
<i>Beauveria</i> sp. 7079	<i>Metarhizium</i> sp. 9629 9696 9741 9752 9753 9758 9759 9836 9840 9841 9846	<i>Isaria fumosorosea</i> 3581 3590 3594
<i>Conidiobolus coronatus</i> 1147	9847 9848 10058 10059 10060 10068	4487 4488 5251 5252 5253 5254 5255
<i>Cladosporium cladosporioides</i> 3375	10079 10085 10101 10102 10108	5256 5257 5258 5260 5261 5262 5263
<i>Clavicipitaceae</i> anamorph 7618 7619 7687 7688 7689 7690 7691 7692 7693 7694 7695	10109 10110 10315 10323 10343	5264 5265 5266 5267 5268 5269 5270
<i>Cordyceps militaris</i> 5804	<i>Pochonia</i> sp. 12195	5271 5307 5308 5309 5310 5311 5312
<i>Fusarium coccophilum</i> 7409	Tennessee	5313 5314 5315 5316 5317 5318 5319
<i>Gibellula</i> sp. 7387	<i>Amoebidium appalachense</i> 9181 9255 9256	5320 5322 5323 5324 5325 5326 5330
<i>Hypocrella andropogonis</i> 7396 7397	<i>Beauveria amorphia</i> 6376 6577	5331 5462 5463 5464
	<i>Batko</i> sp. 12251	<i>Isaria javanica</i> 3573 3577 3776 3778
	<i>Barbatospora ambicaudata</i> 9020	5259 5321 7119
	<i>Conidiobolus adiaceretus</i> 8320	<i>Isaria poprawskii</i> 7028
		<i>Lecanicillium</i> sp. 11748
		<i>Metarhizium anisopliae</i> sensu lato 5469 11742
		<i>Metarhizium anisopliae</i> sensu stricto 5471

## Geographical Origin

USA

<i>Metarhizium brunneum</i> 3738	6756 6757 6758 6759 6760 6761 6762	<i>Lecanicillium muscarium</i> 11802
<i>Metarhizium</i> sp. 9661 9762 9779 9827	6763 6829 6830 6831 6832 6833 6834	<i>Lecanicillium psalliota</i> 10175 10176
9830 9966 9967 9968 9975 10021	6835 6836 6837 6838 6839 6840 6849	10180 10181 10182
10023 10041 10042 10043 10346	6850 6860 6861 6862 6863 6989 6990	<i>Lecanicillium psalliota</i> (?) 10183
<i>Purpureocillium lilacinum</i> 9356 9357	6991 6992 6993 6994 6995 6996 6997	<i>Lecanicillium</i> sp. 9177 9930 9931 9935
11751	6998 6999 8366	9936 10164 10187 10188 10189 10190
<i>Paecilomyces</i> sp. 3772 3774 3775 3777	<i>Metarhizium robertsii</i> 6755 6841 6842	10192 10193 10195 10196 10197
3780 3781 3782 3783 3784 3785 3786	6843 6844 6845 6846 6847 6848 6864	10198 10199 10200 10201 10202
3787 3788	6865	10203 10208 10209 10210 10211
<i>Penicillium</i> sp. 12048	<i>Metarhizium</i> sp. 9617 9653 9654 9655	10212 10213 10214 10215 10216
<i>Trichoderma</i> sp. 5730	9835 9837 9879 9947 9976 9977 9985	10287 10288 10289 10290 10291
Unidentified / Hyphomycetes 11752	9998 10022 10056	10294 10295 10296 10297 10298
12031 12043 12044 12045	<i>Metarhizium tati</i> 6750 6751 6752 6753	10299 10300 10301 12089
Utah	6754	<i>Lecanicillium wallacei</i> (?) 10174
<i>Aspergillus niger</i> 6365	<i>Smittium culicis</i> 9059	<i>Mariannaea</i> sp. 2930 3315 3316 3317
<i>Beauveria amorpha</i> 10947	Vermont	3549 3554 3555 3557 3558 3559 3562
<i>Beauveria bassiana</i> 10505 10506	<i>Acremonium bactrocephalum</i> 10166	3563 9932 9933 9934 10152 10153
10507 10509 10510 10515 10516	10167 10168	10194 11812 11813 11814
10550 10551 10552 10553 10554	<i>Beauveria bassiana</i> 3543 5172 5173	<i>Metarhizium anisopliae</i> sensu lato
10555 10556 10557 10558 10559	5278 5279 5280 5492 5495 5496	3541 3542 3544 9279 9280 9281 9282
10562 10563 10699 10770 10788	9289 9290 9291 9370 9388 9389 9390	9283 9284 9285 9286 9287 9288 9303
10789 10790 10806 10816 10817	9391 9392 9393 9394 9395 9396 9397	9304 9305 9306 9307 9308 9309 9310
10818 10819 10823 10824 10827	9398 9399 9400 9401 9402 9403 9404	9311 9312 9313 9314 9315 9316 9317
10828 10829 10830 10832 10839	9405 9406 9407 9408 9409 9410 9411	9318 9319 9320 9321 9322 9323 9324
10850 10852 10854 10857 10859	9412 9413 9414 9415 9416 9417 9418	9325 9326 9327 9328 9329 9330 9331
10861 10863 10865 10866 10867	9419 9420 9421 9422 9423 9424 9425	9332 9333 9939 10131 10135 10136
10868 10872 10874 10885 10886	9426 9427 9428 9429 9430 9431 9432	10137 11840
10887 10888 10889 10890 10891	9433 9434 9435 9436 9437 9438 9927	<i>Mixed Culture</i> sp. 5188
10892 10893 10894 10895 10896	10138 10140 10141 10142 10143	<i>Metarhizium robertsii</i> 3540
10897 10898 10899 10900 10901	10144 10145 10147 10148 10149	<i>Metarhizium</i> sp. 11839 11849
10902 10903 10904 10905 10906	11841 11844 11845 11846 11847	<i>Myriangium</i> sp. 11856
10907 10908 10909 10910 10911	<i>Beauveria bassiana</i> (?) 5182	<i>Myrothecium verrucaria</i> 9359
10912 10913 10914 10915 10916	<i>Beauveria</i> sp. 5174 5186 5187 9335	<i>Ostracoderma</i> sp. 5163
10917 10918 10919 10920 10922	9336 9337 9338 9339 9340 9341 9342	<i>Paecilomyces carneus</i> 11821
10923 10924 10925 10927 10928	9343 9344	<i>Paecilomyces marquandii</i> 9928 9929
10929 10930 10931 10932 10933	<i>Conidiobolus coronatus</i> 5162 6512	<i>Paecilomyces</i> sp. 3545 5181 5183 5184
10934 10935 10936 10937 10938	9295 9296 9913 9914	5185 5189 5190 5192 5193
10939 10940 10941 10942 10943	<i>Colletotrichum</i> sp. 10308	<i>Pandora</i> sp. 11764
10944 10945 10946 10948 10949	<i>Conidiobolus</i> sp. 5404 6505	<i>Pochonia chlamydosporia</i> 3314 3539
10950 10951 10952 10953 10954	<i>Entomophaga aulicae</i> 2843	<i>Pochonia chlamydosporia</i> var.
10955 10956 10957 10958 10959	<i>Furia gastropachae</i> 8926	chlamydosporia 11786
10960 10961 10962 10963 10964	<i>Fusarium</i> sp. 9937	<i>Tolyphocladium cylindrosporum</i> 10146
10965 10966 10967 10968 10969	<i>Hirsutella homalodiscae</i> (?) 10134	<i>Trichoderma</i> sp. 9938
10970 10971 10972 10973 10974	<i>Hirsutella lecaniicola</i> 8888	Unidentified sp. 3560 3567 3568 3569
10975 10976 10977 10978 10979	<i>Hirsutella</i> sp. 2939 2940 3318 3546	3570 3571 9334
10980 10981 10982 10983 10984	3548 3553	Unidentified / Hyphomycetes 6503
10985 10986 10988 10989 10990	<i>Hirsutella thompsonii</i> 11819	6504 10171 10191 10281 10282 10283
10991 10992 10993 10994 10997	<i>Isaria coleopterorum</i> 10163	10284 10285 10286 10292 10293
10998 10999 11000 11001 11002	<i>Isaria farinosa</i> 3537 3538 3564 5191	12086 12087 12088 12090
11003 11004 11005 11006 11007	5194 9292 9293 9574 9575 9576 9577	Unidentified / Zygomycetes 6157
11008 11009 11010 11011 11012	9578 9579 9580 10155 10156 10157	6158 6159 6507 6508 6509 6510 6511
11013 11014 11015 11016 11017	10158 10159 10160 10161 11822	<i>Verticillium lecanii</i> 5166 5167 5168
11018 11020 11021 11049 11051	11824 11825 11826 11827 11828	<i>Verticillium</i> sp. 3547 3550 3551 3552
11167 11172 11187 11206 11216	11829 11830 11831 11832 11833	3556 3561
11223 11225 11226 11230 11235	11834	Virgin Islands
11236 11242 11256 11257 11560	<i>Isaria farinosa</i> (?) 9567 9568 9569	<i>Aspergillus niger</i> 7797 7798 7799
11563 11568 11577 11580 11587	9570 9571 9572 9573 9581	<i>Myrothecium</i> sp. 7804
11590 11898 11903 11913 11915	<i>Isaria fumosorosea</i> 9294 9582 9583	<i>Paecilomyces</i> sp. 7800 7801 7803
11918 11956 11961 11963 11965	9584 9585 9586	Unidentified / Hyphomycetes 7802
11973 11989 12012 12140	<i>Isaria</i> sp. 10231 10232 10233 11629	Virginia
<i>Beauveria pseudobassiana</i> 10499	11753	<i>Beauveria bassiana</i> 3527 5768 5769
10646 10690 10799 10875 10987	<i>Lecanicillium nr. aranearum</i> 11799	<i>Beauveria pseudobassiana</i> 3405
11050 11087	<i>Lecanicillium evansii</i> (?) 11789 11791	<i>Cladosporium</i> sp. 6442
<i>Metarhizium acridum</i> 6851 6852 6853	11792 11793 11794 11795 11797	<i>Conidiobolus pumilus</i> 453
6854 6855 6856 6857 6858 6859	11804 11805 11806 11807 11809	
<i>Metarhizium anisopliae</i> sensu lato	<i>Lecanicillium lecanii</i> 11817	

<i>Entomophaga maimaiga</i> 4504 4505 4506 4507 4552 4553 4554 4555 5568 5570 6169 6218	<i>Beauveria pseudobassiana</i> 10608 11053 11054	<i>Pandora neoaphidis</i> 1696 2016 2108 2109 2110 2112 2114 2115 2116 2117 2118 2119 2120 2121 2122 2280 2293 2298
<i>Fusarium polypähladicum</i> 3695	<i>Entomophaga calopteri</i> 383 390	<i>Zoophthora phalloides</i> 2281
<i>Fusarium</i> sp. 6443 6572	<i>Metarhizium</i> sp. 9842 9843 10049 10052 10061	<i>Zoophthora radicans</i> 2241 2242 2243 2244 2245 2246 2286 2287 2696 2700 2701 2702 2706 2708 2713 3119 3149 3150 3159 3160 3164 3165 3170 3171
<i>Fusarium torulosum</i> 3483	<i>Smittium culisetae</i> 9062 9114 9115 9133 9247	Bosnia and Hercegovina
<i>Isaria farinosa</i> 3490 3493 3494 3496 3497 3501 3502 3503 3504 3505 3508 3664 3665 5760 5761	<i>Smittium culicis</i> 9009 9130	<i>Pandora neoaphidis</i> 2123
<i>Lecanicillium muscarium</i> 5772 5822		Croatia
<i>Metarhizium</i> sp. 9619	<i>Unidentified</i> sp. 3894	<i>Beauveria bassiana</i> 509
<i>Schizangiella serpentis</i> 8000 8047		Serbia
<i>Verticillium lecanii</i> 5771 5821 5824		<i>Beauveria bassiana</i> 503 504
Washington		Voyvodina
<i>Beauveria bassiana</i> 344 1079 3385 3386 7977 10566 10572 10633 10636 10637 10642 10643 11290 11311 11315 11318 11374 11455 11518 11531 11557 11582 11612 11957 12101 12186	<i>Pandora neoaphidis</i> 2017 2018 2019 2020	
<i>Beauveria pseudobassiana</i> 10630 10635 10644		Unidentified / Zygomycetes 2022
<i>Beauveria</i> sp. 5078		
<i>Ophiocordyceps heteropoda</i> 8010		
<i>Conidiobolus</i> sp. 3383 3384		
<i>Isaria farinosa</i> 8022		
<i>Lecanicillium lecanii</i> 3387		
<i>Lecanicillium muscarium</i> 11307		
<i>Metarhizium anisopliae</i> sensu lato 3389 7000 7001 7002 7003 7004 7005 7006 7007 7008 7009	<i>Venezuela</i>	
<i>Metarhizium robertsii</i> 3388		
<i>Metarhizium</i> sp. 4997 4999 5001 5139 9703 9704 9726 9727 9728 9731 9732 9742 9743 9744 9749 10027 10031 10048 10066 10095 10096 10318 10334	<i>Aschersonia aleyrodis</i> 7666 <i>Lecanicillium longisporum</i> 974	
<i>Myriodontium keratinophilum</i> 12117 12118	<i>Merida</i>	
<i>Pandora neoaphidis</i> 3234 3237 3238 3241 3410	<i>Mariannaea elegans</i> 5349	
West Virginia		
<i>Beauveria bassiana</i> 7941		
<i>Calcarisporium parasiticum</i> 6154		
<i>Entomophaga maimaiga</i> 6168	<i>Vietnam</i>	
<i>Isaria farinosa</i> 3495 3517 3518 3519 3520 3521 3522 3525 3533 3771	<i>Beauveria bassiana</i> 751 7592 <i>Metarhizium anisopliae</i> sensu lato 7644	
<i>Lecanicillium muscarium</i> 3531		
Wisconsin		
<i>Beauveria bassiana</i> 793 8602	<i>Wales</i>	
<i>Beauveria pseudobassiana</i> 3216	<i>Powys</i>	
<i>Conidiobolus paulus</i> 450	<i>Erynia rhizospora</i> 1442	
<i>Conidiobolus thrombooides</i> 649		
<i>Lecanicillium muscarium</i> 795		
<i>Metarhizium anisopliae</i> sensu lato 794	<i>West Africa</i>	
<i>Septobasidium carestianum</i> 6473	<i>Cape Verde Islands</i>	
<i>Zoophthora radicans</i> 1018 1019 1020 1021 1261 1262	<i>Beauveria bassiana</i> 4798 4799	
Wyoming		
<i>Beauveria bassiana</i> 10626 10675 10768 10796 11022 11023 11024 11052 11055 11304 11305 11306 11319 11320 11323 11324 11325 11356 11357 11358 11359 11603 11604 11605 11609 11904 12114	<i>West Indies</i>	
	<i>Trinidad</i>	
	<i>Purpureocillium lilacinum</i> 10225	
	<i>Trinidad and Tobago</i>	
	<i>Conidiobolus lamprauges</i> 6361	
	<i>Western Samoa</i>	
	<i>Apia</i>	
	<i>Metarhizium anisopliae</i> var. <i>majus</i> 297 298	
	<i>Metarhizium anisopliae</i> sensu stricto 2223	
	<i>Yugoslavia</i>	
	<i>Beauveria bassiana</i> 505 506 507 510 <i>Conidiobolus</i> sp. 1426 <i>Lecanicillium lecanii</i> 1787	
	<i>Pandora neoaphidis</i> 1695 1784 1785 1786 1824 1825 1826 1827 2124 2128	
	<i>Unidentified</i> sp. 1693 1694	
	<i>Zoophthora radicans</i> 2282 2283 2284 2285 2288 2289 2703 2709 2712 3114 3115 3116	
	<i>Belgrade</i>	
	<i>Batkoia major</i> 1427	
	<i>Conidiobolus</i> sp. 2130	
	<i>Erynia</i> sp. 2279 2292 2294	

## Alternate Collections

Abbott Laboratories  
Alves, Sergio Batista

### Abbott Laboratories

- 102A *Beauveria bassiana* 1782  
102B(2) *Beauveria bassiana* 1838  
104, 106 *Beauveria bassiana* 1783  
106 *Beauveria bassiana* 1839  
106(2) *Beauveria bassiana* 1652  
112 *Beauveria bassiana* 1654  
114(2) *Beauveria bassiana* 1653  
122-1 *Beauveria bassiana* 1651  
124 *Beauveria bassiana* 1747  
1985-3-69 *Beauveria bassiana* 1889  
89-201 *Beauveria bassiana* 2695  
AARC 8401-A(1) *Beauveria bassiana*  
1689  
AARC 8401-A(2) *Beauveria bassiana*  
1690  
AARC 8401-B *Beauveria bassiana* 1691  
AARC 8401-D *Beauveria bassiana* 1692  
Bb028-138 *Beauveria bassiana* 1843  
Bb028-148 *Beauveria bassiana* 1844  
Bb028-150 *Beauveria bassiana* 1845  
Bb028-5F *Beauveria bassiana* 1842  
Bb029-13 *Beauveria bassiana* 1846  
Bb029-13, "3 of 4" *Beauveria bassiana*  
1748

### Abrahamson, D.S.

- 5 *Tolypocladium inflatum* 3398

### AFTOL

- 137 *Conidiobolus coronatus* 8715

### Ahn, S.B.

- D2-4 *Metarhizium anisopliae* sensu lato  
2038  
E1-22 *Torrubiella homopterorum* 2045  
E1-7 & E1-5 *Fusarium semitectum* 2053  
E2-13 *Metarhizium anisopliae* sensu lato  
2039  
E5-1 *Beauveria bassiana* 2040

### Aime, Mary Catherine

- MCA 2465 *Aschersonia aleyrodis* 7642

### Al-Aidroos, Karen

- 19-1a5 (EMS mutant) *Metarhizium*  
*anisopliae* sensu lato 911  
19.1 (EMS mutant) *Metarhizium aniso-*  
*piae* sensu lato 966  
42.2 (EMS mutant of 5.42) *Metarhizium*  
*anisopliae* sensu lato 1025  
42.2a9 (EMS mutant) *Metarhizium*  
*anisopliae* sensu lato 921  
5.173 (EMS mutant) *Metarhizium aniso-*  
*piae* sensu lato 909  
5.281 (mutant) *Metarhizium anisopliae*  
sensu lato 922  
5.287 (EMS mutant) *Metarhizium aniso-*  
*piae* sensu lato 967  
5.304 (EMS mutant of 5A) *Metarhizium*  
*anisopliae* sensu lato 1022  
5.378 (EMS mutant) *Metarhizium aniso-*  
*piae* sensu lato 965  
5A (UV irradiated mutant of 5) *Meta-*  
*rhizium anisopliae* sensu lato 1087  
5A.1 (EMS mutant of 5A) *Metarhizium*  
*anisopliae* sensu lato 1085

### 5A.10 (EMS mutant of 5A) *Metarhizium* *anisopliae* sensu lato 1086

### 5A.11 (EMS mutant of 5A) *Metarhizium* *anisopliae* sensu lato 1083

### 5A.12 (EMS mutant of 5A) *Metarhizium* *anisopliae* sensu lato 1088

### 5A.7 (EMS mutant of 5A) *Metarhizium* *anisopliae* sensu lato 1084

### D198A *Metarhizium anisopliae* sensu lato 912

### D95A (diploid, recombinant) *Metarhi-* *zium anisopliae* sensu lato 913

### D95A Bes 140 (recombinant) *Metarhi-* *zium anisopliae* sensu lato 910

### DIII 3A (mutant) *Metarhizium aniso-* *piae* sensu lato 968

### DIII 3B (mutant) *Metarhizium aniso-* *piae* sensu lato 960

### DIII 3B Bes 48 (recombinant) *Metarhi-* *zium anisopliae* sensu lato 907

### JIIXIV (mutant) *Metarhizium aniso-* *piae* sensu lato 1091

### JIVD (mutant) *Metarhizium anisopliae* sensu lato 1097

### JX1.23A (mutant) *Metarhizium aniso-* *piae* sensu lato 1024

### JX1.23C (mutant) *Metarhizium aniso-* *piae* sensu lato 1023

### JXIV.245 (mutant) *Metarhizium aniso-* *piae* sensu lato 1089

### KIIVA (mutant) *Metarhizium anisopliae* sensu lato 1090

### S7N5 (mutant) *Metarhizium anisopliae* sensu lato 908

### Alatorre Rosas, Raquel

### Andres.2 *Pandora blunckii* 6304

### Andres.3 *Pandora blunckii* 6305

### Andres.5 *Pandora blunckii* 6306

### Andres.6 *Pandora blunckii* 6307

### Andres.7 *Pandora blunckii* 6308

### Bujanos.1 *Pandora blunckii* 6309

### Bujanos.3 *Pandora blunckii* 6310

### Bujanos.4 *Pandora blunckii* 6311

### Bujanos.5 *Pandora blunckii* 6312

### Jav.1 *Pandora blunckii* 6293

### Jav.10 *Pandora blunckii* 6300

### Jav.11 *Pandora blunckii* 6301

### Jav.12 *Pandora blunckii* 6302

### Jav.13 *Zoophthora radicans* 6303

### Jav.3 *Pandora blunckii* 6294

### Jav.4 *Pandora blunckii* 6295

### Jav.6 *Pandora blunckii* 6296

### Jav.7 *Pandora blunckii* 6297

### Jav.8 *Pandora blunckii* 6298

### Jav.9 *Pandora blunckii* 6299

### Mina.16 *Zoophthora radicans* 6315

### Mina.19 *Pandora blunckii* 6316

### Mina.2 *Zoophthora radicans* 6313

### Mina.2-2 *Zoophthora radicans* 6314

### Allee, Leslie

### 84-1 *Beauveria bassiana* 1704

### 84-10 *Beauveria bassiana* 1711

### 84-11 *Beauveria bassiana* 1712

### 84-12 *Beauveria bassiana* 1713

### 84-13 *Beauveria bassiana* 1721

### 84-16 *Beauveria bassiana* 1749

### 84-18 *Beauveria bassiana* 1750

### 84-19 *Beauveria bassiana* 1722

### 84-20 *Beauveria bassiana* 1723

### 84-22 *Beauveria bassiana* 1775

### 84-23 *Beauveria bassiana* 1776

### 84-24 *Beauveria bassiana* 1777

### 84-25 *Beauveria bassiana* 1778

### 84-26 *Beauveria bassiana* 1779

### 84-27 *Beauveria bassiana* 1780

### 84-28 *Beauveria bassiana* 1781

### 84-3 *Beauveria bassiana* 1705

### 84-4 *Beauveria bassiana* 1706

### 84-5 *Beauveria bassiana* 1707

### 84-7 *Beauveria bassiana* 1708

### 84-8 *Beauveria bassiana* 1709

### 84-9 *Beauveria bassiana* 1710

### Altre, Jennifer

### BB5B#1 *Beauveria bassiana* 4540

### BB5B#4 *Beauveria bassiana* 4543

### Alves, Sergio Batista

### 196 *Beauveria bassiana* 1484

### 197 *Beauveria bassiana* 1832

### 210 *Beauveria brongniartii* 1830

### 246 *Beauveria bassiana* 1479

### 252 *Beauveria bassiana* 1480

### 256 *Beauveria bassiana* 1478

### 258 *Beauveria brongniartii* 1829

### 267 *Beauveria bassiana* 1833

### 268 *Beauveria bassiana* 1834

### 290 *Beauveria bassiana* 2559

### 290 *Beauveria bassiana* 2638

### 292 *Beauveria bassiana* 2639

### 295 *Beauveria* sp. 1835

### 309 *Beauveria bassiana* 1836

### 447 *Beauveria bassiana* 3734

### 507 *Metarhizium robertsii* 2561

### 587 Unidentified sp. 2640

### 61 *Beauveria bassiana* 1483

### 621 *Beauveria amorpha* 2641

### 63 *Beauveria bassiana* 1831

### 695 *Beauveria bassiana* 2642

### 715 *Evlachovaea* sp. 2613

### 716 *Evlachovaea* sp. 2614

### 717 *Evlachovaea* sp. 2615

### 718 *Paecilomyces* sp. 2616

### 719 *Paecilomyces* sp. 2617

### 720 *Paecilomyces* sp. 2618

### 721 *Beauveria bassiana* 2619

### 726 *Beauveria bassiana* 2621

### 758 *Evlachovaea* sp. 2620

### ESALQ 1221 *Hirsutella thompsonii* 6633

### ESALQ 1224 *Tolypocladium* sp. 6634

### ESALQ 1225 *Evlachovaea* sp. 6635

### ESALQ 1226 *Simplicillium lanoso-*

### *niveum* 6636

### ESALQ 1227 *Simplicillium lanoso-*

### *niveum* 6637

### ESALQ 1228 *Evlachovaea* sp. 6638

- ESALQ 1229 *Evlachovaea* sp. 6639  
 ESALQ 1230 *Evlachovaea* sp. 6640  
 ESALQ 1235 *Evlachovaea* sp. 6641  
 ESALQ 1237 *Simplicillium lanos-niveum* 6642  
 SPL-54A *Metarhizium robertsii* 2560
- Anderson, Denis L.**  
 101 *Ascospaera apis* 5142  
 121 *Ascospaera subcuticulata* 5145  
 130 *Ascospaera solina* 5146  
 140 *Ascospaera arienioides* 5143  
 196 *Ascospaera flava* 5144  
 198 *Ascospaera atra* 5147  
 199 *Ascospaera duoformis* 5141  
 199.D14 *Ascospaera duoformis* 5152  
 199.D9 *Ascospaera duoformis* 5151  
 200 *Ascospaera duoformis* 5140
- Andrade, C.F.**  
 IF#1 *Metarhizium anisopliae* sensu lato 3827  
 IF#2 *Metarhizium brunneum* 3826
- Aoki, Joji**  
 Ash. 1 *Aschersonia aleyrodis* 992  
 Asp. 11 *Aspergillus flavus* 1003  
 Asp. 26 *Aspergillus flavus* 1010  
 Beau. 2 *Beauveria* sp. 1040  
 Beau. 22 *Beauveria brongniartii* 985  
 Beau. 3 *Beauveria bassiana* 1007  
 Beau. 5 *Beauveria bassiana* 1001  
 Cordy. 1 *Isaria farinosa* 1042  
 Ent. 11 *Conidiobolus coronatus* 997  
 Ent. 14 *Entomophaga aulicae* 998  
 Ent. 15 *Conidiobolus thromboides* 1006  
 Ent. 18 *Erynia* sp. 983  
 Ent. 25 *Pandora neoaphidis* 993  
 Ent. 26 *Zoophthora radicans* 1050  
 Ent. 30 *Pandora blunckii* 1000  
 Ent. 34 *Erynia* sp. 1266  
 Ent. 35 *Pandora blunckii* 1004  
 Ent. 36 *Pandora delphacis* 1101  
 Ent. 37 *Erynia* sp. 1267  
 Ent. 38 Unidentified sp. 1013  
 Ent. 39 Unidentified sp. 1051  
 Ent. 42 *Erynia* sp. 1052  
 Ent. 45 *Conidiobolus* sp. 999  
 Ent. 5 *Zoophthora radicans* 1263  
 Ent. 6 *Pandora delphacis* 1264  
 Ent. 7 *Pandora delphacis* 1265  
 Ent. 8 *Zoophthora radicans* 1048  
 Ent. 9 *Conidiobolus obscurus* 1131  
 Har. 1 *Lecanicillium muscarium* 1002  
 Har. 2 *Verticillium lecanii* 991  
 Hir. 1 *Hirsutella satumaensis* 996  
 Isa. 1 *Beauveria bassiana* 1041  
 Met. 1 *Metarhizium brunneum* 988  
 Met. 4 *Metarhizium majus* 1015  
 Met. 5 *Metarhizium pingshaense* 1009  
 Met. 6 *Metarhizium robertsii* 1046  
 Met. 8 *Metarhizium pingshaense* 1011  
 Nom. 1 *Paecilomyces* sp. 1008  
 Nom. 2 *Nomuraea rileyi* 1014  
 Nom. 3 *Nomuraea rileyi* 1047  
 Paec. 1 *Mixed Culture* sp. 1043  
 Paec. 2 *Isaria fumosorosea* 1005
- Paec. 3 *Isaria fumosorosea* 989  
 Paec. 5 *Purpureocillium lilacinum* 986  
 Paec. 6 *Paecilomyces canadensis* 984  
 Paec. 7 *Paecilomyces canadensis* 990  
 Vert. 1 *Lecanicillium muscarium* 994
- APHIS**  
 WFP-361 *Beauveria bassiana* 5273  
 WFP-362 *Isaria fumosorosea* 5272  
 WFP-362 *Isaria fumosorosea* 5298  
 WFP-363 *Isaria fumosorosea* 5297
- ARSEF**  
 ?1066 *Pandora dipterigena* 397  
 ?1096 *Hirsutella citriformis* 1256  
 ?1256 *Hirsutella* sp. 1096  
 ?1294 *Metarhizium flavoviride* var. *mimus* 1295  
 ?1295 *Metarhizium flavoviride* var. *mimus* 1294  
 ?1377 *Zoophthora anglica* 396  
 ?1940 *Lagenidium giganteum* 2529  
 ?198 *Entomophaga aulicae* 998  
 ?2529 *Crypticola clavulifera* 1940  
 ?2696 *Zoophthora radicans* 3161  
 ?2702 *Zoophthora radicans* 3117  
 ?2708 *Zoophthora radicans* 3163  
 ?3117 *Zoophthora radicans* 2702  
 ?3161 *Zoophthora radicans* 2696  
 ?3163 *Zoophthora radicans* 2708  
 ?396 *Metarhizium anisopliae* sensu lato 1377  
 ?397 *Metarhizium brunneum* 1066  
 ?426 *Zoophthora lanceolata* 468  
 ?468 *Zoophthora lanceolata* 426  
 ?998 *Entomophaga aulicae* 198  
 101 *Conidiobolus thromboides* 1733  
 102 *Conidiobolus thromboides* 363  
 102 *Conidiobolus thromboides* 1734  
 103 *Zoophthora radicans* 359  
 103 *Zoophthora radicans* 370  
 103 *Zoophthora radicans* 823  
 1035 *Hirsutella citriformis* 1446  
 1045 *Metarhizium anisopliae* sensu lato 1299  
 1103 *Beauveria bassiana* 1558  
 1140 *Entomophaga aulicae* 1656  
 1142 (lost) *Entomophaga aulicae* 1655  
 115 *Conidiobolus thromboides* 15  
 115 *Conidiobolus thromboides* 208  
 115 *Conidiobolus thromboides* 3360  
 117 (lost) *Conidiobolus thromboides* 42  
 1184 *Metarhizium flavoviride* 2024  
 1299 *Metarhizium anisopliae* sensu stricto 1045  
 133 *Conidiobolus obscurus* 355  
 1331 *Fusarium lateritium* 1416  
 1336 *Zoophthora radicans* 1428  
 1356 Unidentified sp. 1420  
 1416 *Fusarium lateritium* 1331  
 1420 Unidentified sp. 1356  
 1428 *Zoophthora radicans* 1336  
 1446 *Hirsutella citriformis* 1035  
 1451 (deaccessioned) *Beauveria bassiana* 1971  
 1452 (deaccessioned) *Metarhizium anisopliae* sensu lato 1989
- 1481 (lost) *Beauveria brongniartii* 1829  
 1482 (lost) *Beauveria brongniartii* 1830  
 15 *Conidiobolus thromboides* 115  
 15 *Conidiobolus thromboides* 208  
 15 *Conidiobolus thromboides* 3361  
 1544 *Zoophthora radicans* 1595  
 1555 *Beauveria bassiana* 3906  
 1557 (deaccessioned) *Hirsutella versicolor* 1034  
 1558 *Beauveria bassiana* 1103  
 1595 *Zoophthora radicans* 1544  
 1656 *Entomophaga aulicae* 1140  
 1660 *Batkoia apiculata* 927  
 1661 *Batkoia apiculata* 919  
 1667 (deaccessioned) Unidentified sp. 1634  
 1733 *Conidiobolus thromboides* 101  
 1734 *Conidiobolus thromboides* 102  
 1734 *Conidiobolus thromboides* 363  
 1869 (lost) *Zoophthora phalloides* 352  
 193 (lost) *Conidiobolus osmodes* 447  
 2 *Conidiobolus thromboides* 3364  
 2012 *Hirsutella thompsonii* 2464  
 2013 *Nomuraea rileyi* 2466  
 2024 *Metarhizium flavoviride* var. *flavoviride* 1184  
 208 *Conidiobolus thromboides* 15  
 208 *Conidiobolus thromboides* 115  
 212 (deaccessioned) *Eryniopsis caroliniana* 642  
 213 (deaccessioned) *Eryniopsis caroliniana* 640  
 2153 *Metarhizium anisopliae* sensu lato 3822  
 2198 *Isaria fumosorosea* 4699  
 2210 Unidentified / Hyphomycetes 2225  
 2225 *Metarhizium brunneum* 2210  
 23 *Metarhizium anisopliae* sensu lato 907  
 23 *Metarhizium anisopliae* sensu lato 908  
 23 *Metarhizium anisopliae* sensu lato 909  
 23 *Metarhizium anisopliae* sensu lato 910  
 23 *Metarhizium anisopliae* sensu lato 911  
 23 *Metarhizium anisopliae* sensu lato 912  
 23 *Metarhizium anisopliae* sensu lato 913  
 23 *Metarhizium anisopliae* sensu lato 921  
 23 *Metarhizium anisopliae* sensu lato 922  
 23 *Metarhizium anisopliae* sensu lato 960  
 23 *Metarhizium anisopliae* sensu lato 965  
 23 *Metarhizium anisopliae* sensu lato 966  
 23 *Metarhizium anisopliae* sensu lato 967  
 23 *Metarhizium anisopliae* sensu lato 968

- 23 *Metarhizium anisopliae* sensu lato  
1022
- 23 *Metarhizium anisopliae* sensu lato  
1023
- 23 *Metarhizium anisopliae* sensu lato  
1024
- 23 *Metarhizium anisopliae* sensu lato  
1025
- 23 *Metarhizium anisopliae* sensu lato  
1083
- 23 *Metarhizium anisopliae* sensu lato  
1084
- 23 *Metarhizium anisopliae* sensu lato  
1085
- 23 *Metarhizium anisopliae* sensu lato  
1086
- 23 *Metarhizium anisopliae* sensu lato  
1087
- 23 *Metarhizium anisopliae* sensu lato  
1088
- 23 *Metarhizium anisopliae* sensu lato  
1089
- 23 *Metarhizium anisopliae* sensu lato  
1090
- 23 *Metarhizium anisopliae* sensu lato  
1091
- 23 *Metarhizium anisopliae* sensu lato  
1094
- 23 *Metarhizium anisopliae* sensu lato  
1097
- 2320 *Beauveria bassiana* 3907
- 2336 *Beauveria bassiana* 2883
- 2348 *Hirsutella repens* 2359
- 2348 *Hirsutella repens* 2394
- 2350 *Paecilomyces* sp. 2378
- 2351 *Aschersonia* sp. 2397
- 2352 *Hirsutella guyana* 2387
- 2355 *Hirsutella repens* 2348
- 2359 *Hirsutella repens* 2394
- 2375 (never frozen) *Isaria farinosa* 2344
- 2377 (never frozen) *Paecilomyces* sp.  
2354
- 2378 *Paecilomyces* sp. 2350
- 2379 (never frozen) *Isaria farinosa* 2355
- 2381 (never frozen) *Metarhizium anisopliae* sensu lato 2341
- 2382 (never frozen) *Metarhizium* sp.  
2353
- 2383 (never frozen) *Metarhizium anisopliae* sensu lato 2341
- 2384 (never frozen) *Metarhizium anisopliae* sensu lato 2342
- 2385 (never frozen) *Metarhizium anisopliae* sensu lato 2343
- 2387 *Hirsutella guyana* 2352
- 2388 (never frozen) *Hirsutella citriformis*  
2346
- 2389 (never frozen) *Hirsutella citriformis*  
2347
- 2390 (never frozen) *Nomuraea rileyi* 2345
- 2391 (never frozen) *Aschersonia insperata* 2356
- 2392 (never frozen) *Aschersonia* sp. 2357
- 2393 (never frozen) *Aschersonia* sp. 2358
- 2394 *Hirsutella repens* 2348
- 2394 *Hirsutella repens* 2359
- 2397 *Aschersonia* sp. 2351
- 2459 *Hirsutella thompsonii* 255
- 2464 *Hirsutella thompsonii* 2012
- 2466 *Nomuraea rileyi* 2013
- 2468 *Drechmeria coniospora* 5739
- 252 *Beauveria bassiana* 5275
- 252 *Beauveria bassiana* 5276
- 252 *Beauveria bassiana* 5277
- 252 *Beauveria bassiana* 5278
- 252 *Beauveria bassiana* 5279
- 252 *Beauveria bassiana* 5280
- 252 *Beauveria bassiana* 5281
- 252 *Beauveria bassiana* 5282
- 252 *Beauveria bassiana* 5283
- 252 *Beauveria bassiana* 5286
- 252 *Beauveria bassiana* 5284
- 252 *Beauveria bassiana* 5285
- 2524 (deaccessioned) *Zoophthora radicans* 2499
- 2547 *Metarhizium robertsii* 4123
- 255 *Hirsutella thompsonii* 2459
- 2559 *Beauveria bassiana* 2638
- 2562 *Leptolegnia chapmanii* 2680
- 2575 *Metarhizium robertsii* 3608
- 258 *Hirsutella thompsonii* 414
- 2627 *Metarhizium anisopliae* sensu stricto 7980
- 2638 *Beauveria bassiana* 2559
- 2649 *Hirsutella* sp. 2992
- 2650 *Hirsutella guyana* 2993
- 2662 (deaccessioned) *Erynia* sp. 2553
- 2669 (deaccessioned) *Zoophthora radicans* 2554
- 2680 *Leptolegnia chapmanii* 2562
- 2700 *Zoophthora radicans* 3171
- 2701 *Zoophthora radicans* 3119
- 2703 *Zoophthora radicans* 3116
- 2706 *Zoophthora radicans* 3149
- 2709 *Zoophthora radicans* 3114
- 2713 *Zoophthora radicans* 3164
- 2749 *Isaria fumosorosea* 4700
- 2858 *Verticillium lecanii* 3909
- 2859 *Verticillium lecanii* 3862
- 2862 *Lecanicillium muscarium* 3861
- 2879 *Beauveria bassiana* 4099
- 2879 *Beauveria bassiana* 4100
- 2879 *Beauveria bassiana* 4101
- 2882 *Beauveria bassiana* 3905
- 2883 *Beauveria bassiana* 2336
- 2992 *Hirsutella* sp. 2649
- 2993 *Hirsutella* sp. 2650
- 3000 *Verticillium lecanii* 3903
- 3114 *Zoophthora radicans* 2709
- 3116 *Zoophthora radicans* 2703
- 3119 *Zoophthora radicans* 2701
- 3149 *Zoophthora radicans* 2706
- 3164 *Zoophthora radicans* 2713
- 3166 *Beauveria bassiana* 3891
- 3171 *Zoophthora radicans* 2700
- 324 *Metarhizium anisopliae* var.  
*acridum* 7522
- 3283 *Zoophthora radicans* 3284
- 3284 *Zoophthora radicans* 3283
- 332 (lost) *Entomophaga australiensis*  
331
- 3328 (deaccessioned) *Lagenidium giganteum* 3327
- 3353 (deaccessioned) *Drechslerella dactyloides* 2934
- 3359 *Conidiobolus thrombooides* 41
- 3360 *Conidiobolus thrombooides* 15
- 3360 *Conidiobolus thrombooides* 115
- 3360 *Conidiobolus thrombooides* 208
- 3361 *Conidiobolus thrombooides* 15
- 3361 *Conidiobolus thrombooides* 115
- 3361 *Conidiobolus thrombooides* 208
- 3362 *Conidiobolus thrombooides* 40
- 3363 *Conidiobolus thrombooides* 70
- 3364 *Conidiobolus thrombooides* 2
- 3385 *Beauveria bassiana* 3890
- 3397 (deaccessioned) *Tolyphocladium inflatum* 3321
- 354 *Conidiobolus obscurus* 824
- 355 *Conidiobolus obscurus* 133
- 3572 *Isaria fumosorosea* 5316
- 3572 *Isaria fumosorosea* 5317
- 3572 *Isaria fumosorosea* 5318
- 3572 *Isaria fumosorosea* 5319
- 3572 *Isaria fumosorosea* 5327
- 3572 *Isaria fumosorosea* 5328
- 3572 *Isaria fumosorosea* 5329
- 359 *Zoophthora radicans* 370
- 359 *Zoophthora radicans* 823
- 363 *Conidiobolus thrombooides* 102
- 363 *Conidiobolus thrombooides* 1734
- 368 *Myriodontium keratinophilum* 386
- 369 *Pandora kondoiensis* 825
- 3699 *Isaria fumosorosea* 4459
- 3699 *Isaria fumosorosea* 4460
- 3699 *Isaria fumosorosea* 4461
- 370 *Zoophthora radicans* 359
- 370 *Zoophthora radicans* 823
- 3762 *Beauveria bassiana* 3825
- 3762 *Entomophaga maimaiqa* 3880
- 3836 *Verticillium lecanii* 3881
- 3836 *Lecanicillium lecanii*(?) 3882
- 3837 *Lecanicillium lecanii*(?) 3883
- 3838 *Verticillium lecanii* 3902
- 3839 *Lecanicillium lecanii*(?) 3884
- 3840 *Verticillium lecanii* 3904
- 386 *Myriodontium keratinophilum* 368
- 3908 *Beauveria bassiana* 3908
- 3940 *Nomuraea rileyi* 6734
- 40 *Conidiobolus thrombooides* 3362
- 41 *Conidiobolus thrombooides* 3359
- 414 *Hirsutella thompsonii* 258
- 424 (lost) *Eryniopsis caroliniana* 641
- 441 *Metarhizium anisopliae* sensu lato  
7489
- 442 *Metarhizium anisopliae* sensu lato  
7490
- 4460 *Isaria fumosorosea* 4702
- 447 *Conidiobolus osmodes* 193
- 4480 *Isaria fumosorosea* 4704
- 4481 *Isaria fumosorosea* 4705
- 4489 *Isaria fumosorosea* 4708
- 4491 *Isaria fumosorosea* 4709
- 4492 *Isaria fumosorosea* 4710
- 4493 *Isaria fumosorosea* 4711
- 466 (lost) *Entomophthora muscae* 392
- 467 (lost) *Zoophthora aphidis* 425

541 (lost) *Culicinomyces clavisporus* 644  
 5718 *Cordyceps staphylinidaecola* 6719  
 643 (lost) *Zoophtora aphidis* 425  
 6719 *Cordyceps staphylinidaecola* 5718  
 674 *Pandora delphacis* 11872  
 674 *Pandora delphacis* 11873  
 70 *Conidiobolus thrombooides* 3363  
 7453 *Metarhizium lepidiotae* 7488  
 746 (deaccessioned) *Lagenidium giganteum* 373  
 7488 *Metarhizium anisopliae* var. *lepidiotae* 7453  
 7984 *Beauveria bassiana* 8638  
 7985 Unidentified / Hyphomycetes 8640  
 82 (lost) *Zoophtora phytonomi* 113  
 823 *Zoophtora radicans* 359  
 823 *Zoophtora radicans* 370  
 824 *Conidiobolus obscurus* 354  
 825 *Pandora kondoiensis* 369  
 84 *Conidiobolus thrombooides* 85  
 85 *Conidiobolus thrombooides* 84  
 86 *Conidiobolus thrombooides* 87  
 8638 *Beauveria bassiana* 7984  
 8640 *Lecanicillium aphanocladii(?)* 7985  
 87 *Conidiobolus thrombooides* 86  
 888 (deaccessioned) *Metarhizium anisopliae* sensu lato 872  
 8945 *Metarhizium anisopliae* sensu lato 8989  
 919 *Batkoia apiculata* 1661  
 927 *Batkoia apiculata* 1660  
 96 (lost) *Conidiobolus coronatus* 1738  
 995 (deaccessioned) *Conidiobolus obscurus* 1131

**ATCC**

12584 *Conidiobolus pumilus* 453  
 12588 *Conidiobolus rhyssporus* 448  
 12589 *Conidiobolus adiaeetus* 451  
 12590 *Conidiobolus osmodes* 193  
 12590 *Conidiobolus osmodes* 447  
 12942 *Conidiobolus paulus* 450  
 14270 *Conidiobolus thrombooides* 15  
 14270 *Conidiobolus thrombooides* 115  
 14270 *Conidiobolus thrombooides* 208  
 14449 *Basidiobolus ranarum* 8328  
 14450 *Basidiobolus meristosporus* 8329  
 14495 *Lecanicillium psalliotae* 5249  
 15379 *Basidiobolus magnus* 8330  
 16576 *Conidiobolus bangalorensis* 449  
 16579 *Basidiobolus haptosporus* var. *minor* 8331  
 16580 *Basidiobolus heterosporus* 8332  
 18061 *Calcarisporium parasiticum* 6154  
 18766 *Harposporium helicoides* 5354  
 18981 *Tolypocladium inflatum* 616  
 200913 *Metarhizium flavoviride* var. *minus* 1763  
 200994 *Tolypocladium inflatum* 4884  
 201113 *Harposporium cerberi* 5123  
 204364 *Ophiocordyceps variabilis* 4080  
 204365 *Ophiocordyceps variabilis* 5365  
 20872 *Beauveria bassiana* 2404  
 22593 *Verticillium epiphytum* 5250  
 22610 *Lecanicillium muscarium* 5220  
 24318 *Isaria fumosorosea* 3824

24318 *Beauveria bassiana* 1  
 24319 *Isaria farinosa* 3  
 24400 *Isaria sinclairii* 6925  
 24418 *Conidiobolus obscurus* 74  
 24419 *Conidiobolus thrombooides* 73  
 24493 *Zoophtora radicans* 72  
 24874 *Hirsutella thompsonii* 137  
 26156 *Beauveria brongniartii* 617  
 26854 *Lecanicillium muscarium* 8041  
 28691 *Conidiobolus coronatus* 205  
 28847 *Conidiobolus brefeldianus* 452  
 3010 *Hirsutella thompsonii* 255  
 32245 *Zoophtora radicans* 3623  
 32797 *Zoophtora radicans* 189  
 32804 *Hirsutella fusiformis* 5474  
 32867 *Conidiobolus coronatus* 206  
 32969 *Metarhizium flavoviride* 2133  
 34178 *Ophiocordyceps aphodii* 5498  
 34292 *Zoophtora phytonomi* 113  
 34698 *Pandora blunckii* 217  
 34948 *Nomuraea anemonoides* 2467  
 36482 *Sporodiniella umbellata* 5222  
 36654 *Tolypocladium inflatum* 3433  
 36805 *Calcarisporium arbuscula* 6155  
 42438 *Tolypocladium cylindrosporum* 962  
 44767 *Synnematium jonesii* 5664  
 46576 *Haptocillium balanoides* 2483  
 52635 *Culicinomyces clavisporus* 964  
 56427 *Neobarya parasitica* 6156  
 56502 *Tolypocladium geodes* 3274  
 58381 *Aphanomyces* sp. 2005  
 58382 *Catenaria anguillulae* 2015  
 58383 *Lagenidium caudatum* 2003  
 58384 *Leptolegnia* sp. 2004  
 58712 *Verticillium lecanii* 5221  
 58909 *Lecanicillium muscarium* 795  
 58909 *Verticillium lecanii* 3840  
 60335 *Metarhizium anisopliae* sensu lato 925  
 60336 *Metarhizium anisopliae* sensu stricto 1894  
 62708 *Ascospaera larvis* 7945  
 62708 *Ascospaera larvis* 7946  
 64258 *Mortierella hyalina* 2061  
 64259 *Pochonia suchlasporia* var. *caternata* 2064  
 64865 *Acremonium berkeleyanum* 2067  
 74040 *Beauveria bassiana* 7795  
 74040 *Beauveria bassiana* 8201  
 74040 *Beauveria bassiana* 8202  
 74040 *Beauveria bassiana* 8203  
 74040 *Beauveria bassiana* 8204  
 74040 *Beauveria bassiana* 8205  
 74040 *Beauveria bassiana* 8206  
 74040 *Beauveria bassiana* 8207  
 74040 *Beauveria bassiana* 8208  
 74040 *Beauveria bassiana* 8209  
 74040 *Beauveria bassiana* 8210  
 74040 *Beauveria bassiana* 8211  
 74250 *Beauveria bassiana* 6444  
 76115 *Conidiobolus iuxtagenitus* 6378  
 76239 *Crypticola clavulifera* 1940  
 76240 *Lagenidium giganteum* 2531  
 9095 *Myrothecium verrucaria* 7757  
 MYA-3093 *Metarhizium robertsii* 2575

MYA-4450 *Ascospaera apis* 7405  
 MYA-4451 *Ascospaera apis* 7406

**Avery, Pasco B.**

1 DAT 10<sup>-2</sup> *Purpureocillium lilacinum* 9610  
 B2-1 *Purpureocillium lilacinum* 9610

**B.A. Mullin**

BO-1 *Paecilomyces* sp. 3788

**Balazy, Stanislaw**

1428 *Lecanicillium muscarium* 1330  
 1431 *Polycephalomyces formosus* 1424  
 1437 *Fusarium lateritium* 1331  
 1437 *Fusarium lateritium* 1416  
 1441 *Hirsutella radiata* 1369  
 1451' Unidentified sp. 1419  
 1453c *Verticillium lecanii* 1333  
 1453k *Lecanicillium muscarium* 1334  
 1480 *Lecanicillium muscarium* 1332  
 1496c *Pandora dipterigena* 1422  
 1508m Unidentified sp. 1423  
 1539 *Lecanicillium muscarium* 1335  
 1541 *Simplicillium lamellicola* 1367  
 1547b Unidentified sp. 1417  
 1550 Unidentified sp. 1415  
 1552 Unidentified sp. 1421  
 1555 *Zoophtora radicans* 1336  
 1555 *Zoophtora radicans* 1428  
 1558b *Zoophtora radicans* 1337  
 1559 *Erynia* sp. 1338  
 1561 *Furia ithacensis* 1339  
 1561a *Furia ithacensis* 1340  
 1577/6 *Zoophtora radicans* 1341  
 1577/7 *Zoophtora radicans* 1342  
 1577/8 *Zoophtora radicans* 1343  
 1578/1 *Zoophtora radicans* 1344  
 1578/1-2 *Zoophtora radicans* 1346  
 1578/2 *Zoophtora radicans* 1345  
 1580b *Basidiobolus haptosporus* 1347  
 1584c *Isaria farinosa* 1348  
 1584e *Isaria farinosa* 1349  
 1585a *Tritirachium isariae* 1425  
 1589 *Zoophtora radicans* 1350  
 1592 *Lecanicillium lecanii* 1351  
 1592b *Lecanicillium muscarium* 1352  
 1594 Sterile mycelium 1353  
 1594a *Isaria farinosa* 1354  
 1594b *Isaria farinosa* 1355  
 1594d *Beauveria brongniartii* 1366  
 1595c Unidentified sp. 1356  
 1595c Unidentified sp. 1420  
 1595d *Verticillium lecanii* 1357  
 1595e *Isaria farinosa* 1358  
 1597a *Beauveria pseudobassiana* 1359  
 1599 *Beauveria pseudobassiana* 1360  
 1599a *Trichoderma* sp. 1361  
 1613b *Hirsutella* nr. *haptospora* 1362  
 1613c *Hirsutella* nr. *haptospora* 1363  
 1613d *Hirsutella* nr. *haptospora* 1364  
 1615 *Pochonia bulbillosa*(?) 1365  
 1765 *Hirsutella haptospora* 2226  
 1770 *Hirsutella* nr. *haptospora* 2228  
 1809 *Hirsutella subulata* 2227

## Alternate Collections

Baloch, Lori  
Broadbent, A. Bruce

- Baloch, Lori**  
C86 *Nomuraea rileyi* 2205
- Banu, J. Gulsar**  
1 *Lecanicillium aphanocladii* 9611  
1 *Aspergillus clavatus* 9375  
2 *Aspergillus flavus* 9376  
2 *Metarhizium anisopliae* sensu lato 9612  
3 *Fusarium* sp. 9377  
3 *Metarhizium anisopliae* sensu lato 9613  
4 *Aspergillus flavus* 9378  
4 *Cladosporium cladosporioides* 9614  
5 *Aspergillus clavatus* 9379  
B.b.-1 *Fusarium oxysporum* 10226  
L.L.-1 *Fusarium niveum*(?) 10227
- Barakat, Radwan**  
N.R. 17 *Nomuraea rileyi* 7793  
N.R. 18 *Nomuraea rileyi* 7794  
N.R. 3 *Nomuraea rileyi* 7791  
N.R. 5 *Nomuraea rileyi* 7792
- Barakat, Radwan M.**  
P.Bv1 *Beauveria bassiana* 8409  
P.Bv2 *Beauveria bassiana* 8410
- Barrión, G.**  
Nr-BS *Nomuraea rileyi* 1762
- Barron, George L.**  
10277 *Metarhizium brunneum* 2042  
No. 10773 *Harposporium helicoides* 5354
- Bauer, Leah S.**  
2UIC1817 *Aspergillus flavus* 6469  
2UIC2463 *Mucor circinelloides* 6470  
Legg Park 1 *Isaria farinosa* 9944  
Legg Park 2 *Isaria farinosa* 9945
- BCC**  
1487 *Hypocrella raciborskii* 7606  
2097 *Hypocrella discoidea* 7681  
2230 *Aschersonia placenta* 7604  
2339 *Hypocrella javanica* 7605
- Beard, Charles E.**  
DP0100 *Saprolegnia* sp. 6427  
DP161096 *Smittium megazygosporum* 6275  
DP170696 *Smittium culisetae* 6810
- Bellotti, Anthony**  
9241 Unidentified sp. 3766  
9241 *Metarhizium* sp. 3767
- Ben-Ze'ev, Israel**  
38 *Conidiobolus thrombooides* 194
- Benjamin, Mike**  
27K *Penicillium* sp. 6603  
28A *Aspergillus* sp. 6604
- Benny, Gerald L.**  
21A *Coemansia* sp. 2452
- Bernal, M.C. Hugo Cesar Arredondo**  
BbGC1 *Beauveria bassiana* 5740  
BbGC11 *Beauveria bassiana* 5745  
BbGC2 *Beauveria bassiana* 5741  
BbGC5 *Beauveria bassiana* 5742  
BbGC8 *Beauveria bassiana* 5743  
BbGC9 *Beauveria bassiana* 5744  
MaPL14 *Metarhizium acridum* 5747  
MaPL32 *Metarhizium acridum* 5748  
MaPL35 *Metarhizium anisopliae* sensu lato 5749  
MaPL39 *Metarhizium acridum* 5750  
MaPL40 *Metarhizium brunneum* 5751  
MaPL41 *Metarhizium anisopliae* sensu lato 5752  
MaPL6 *Metarhizium anisopliae* sensu lato 5746
- Bernard, Ernest C.**  
CRSM *Conidiobolus coronatus* 8023
- Bibbs, Christopher S.**  
42 *Mucor fragilis* 11762
- Bidochka, Michael J.**  
43A 2i *Metarhizium anisopliae* sensu lato 8680  
56B 1iv *Metarhizium anisopliae* sensu lato 8681  
FRB2 1iv *Metarhizium anisopliae* sensu lato 8682  
GUB2 1iv *Metarhizium anisopliae* sensu lato 8683  
HKB1 1b *Metarhizium anisopliae* sensu lato 8684  
MAA1 2ii *Metarhizium anisopliae* sensu lato 8685  
ORB1 1ii *Metarhizium anisopliae* sensu lato 8686  
PHA1 2i *Metarhizium anisopliae* sensu lato 8687  
ROA1 1b *Metarhizium anisopliae* sensu lato 8688  
ROA2 2a *Metarhizium anisopliae* sensu lato 8689  
SCB2 2i *Metarhizium anisopliae* sensu lato 8690  
SHB1 2i *Metarhizium anisopliae* sensu lato 8691  
TIB2 1iii *Metarhizium anisopliae* sensu lato 8692
- Bischoff, Joseph F.**  
JB 115 *Hypocrella macrostroma* 7748  
JB 130 *Aschersonia basicystis* 7749  
JB 133 *Aschersonia aleurodis* 7641  
JB 205 *Aschersonia basicystis* 7750  
JB211 *Cordyceps spegazzinii* 7850
- Bissett, John**  
164 *Tolypocladium nubicola* 3434  
384 *Tolypocladium geodes* 3271  
530 *Tolypocladium inflatum* 3280  
570 *Tolypocladium geodes* 3272  
633 *Tolypocladium nubicola* 3435  
737 *Tolypocladium cylindrosporum* 962  
83M-38 *Tolypocladium inflatum* 3395  
88M-143 *Tolypocladium inflatum* 3321
- Black, Bruce**  
FD 667 *Ascospaera apis* 6362  
FD 669 *Ascospaera proplerida* 6363  
FD 687 *Aspergillus* sp. 6364  
FD 695 *Aspergillus niger* 6365
- Blaschke-Hellmessen, Renate**  
1 *Schizangiella* sp. 2237  
14 *Schizangiella* sp. 2239
- Booth, Steve R.**  
Cox Unidentified / Hyphomycetes 5199  
Dibkey *Metarhizium* sp. 5139  
Gant *Metarhizium* sp. 4998  
Johnson *Metarhizium* sp. 5001  
McMahon *Metarhizium* sp. 5077  
Quinby; BSP *Beauveria* sp. 5078  
Quinby; MSP *Metarhizium* sp. 4999  
Scherer *Metarhizium* sp. 5000  
Waara *Metarhizium* sp. 4997  
Warnock *Metarhizium* sp. 5076
- Borisov, Boris A.**  
B-429 *Pochonia chlamydosporia* var. *chlamydosporia* 7852  
B.B. 2 *Evlachovaea kintrischica* 7218  
B.B. 2 *Evlachovaea kintrischica* 8058
- Boucias, Drion G.**  
1795 *Nomuraea rileyi* 6867  
31b *Nomuraea rileyi* 6871  
33b *Nomuraea rileyi* 6881  
3936 *Paecilomyces* sp. 6883  
5561 *Nomuraea rileyi* 6873  
5762 *Nomuraea rileyi* 6866  
5788 *Beauveria bassiana* 2555  
6009 *Nomuraea rileyi* 6868  
6011 *Nomuraea rileyi* 6870  
6026 *Nomuraea rileyi* 6880  
8b *Nomuraea rileyi* 6882  
94-5a *Nomuraea rileyi* 6869  
94-5c *Nomuraea rileyi* 6876  
9b *Nomuraea rileyi* 6872  
F178 *Nomuraea rileyi* 6874  
Nr10 *Nomuraea rileyi* 6875  
Nr24 *Nomuraea rileyi* 6878  
Nr32 *Nomuraea rileyi* 6879  
NrCH6 *Nomuraea rileyi* 6877  
UF1HcDc03 *Hirsutella citriformis* 11665
- Bradley, Cliff**  
GMP1 *Beauveria bassiana* 2570  
GMP2 *Beauveria bassiana* 2571
- Braun, Ann**  
Bogor *Verticillium lecanii* 5153
- Brito, Jorge**  
14A *Beauveria bassiana* 4799  
7A *Beauveria bassiana* 4798
- Broadbent, A. Bruce**  
BB001 *Beauveria bassiana* 5807  
BB002 *Verticillium lecanii* 5809  
BB008 *Beauveria bassiana* 5808

**Brownbridge, Michael**

A *Mariannaea* sp. 3252  
 B *Lecanicillium* sp. 3253  
 B-1 *Pochonia chlamydosporia* 3539  
 B-18 *Metarhizium anisopliae* sensu lato 3542  
 B-2 *Metarhizium robertsii* 3540  
 B-33 *Beauveria bassiana* 3543  
 B-35 *Metarhizium anisopliae* sensu lato 3544  
 B-36 *Metarhizium anisopliae* sensu lato 3565  
 B-38 *Paecilomyces* sp. 3545  
 B-5 *Metarhizium anisopliae* sensu lato 3541  
 B33 *Beauveria bassiana* 11613  
 C *Lecanicillium* sp. 3254  
 CA 603 *Beauveria bassiana* 7060  
 CA-1 *Metarhizium anisopliae* sensu lato 9593  
 CA-104 *Beauveria bassiana* 8958  
 CA-105 *Beauveria bassiana* 8959  
 CA-106 *Beauveria bassiana* 8960  
 CA-107 *Beauveria bassiana* 8961  
 CA-108 *Beauveria bassiana* 8962  
 CA-108 *Beauveria bassiana* 9219  
 CA-109 *Beauveria bassiana* 9233  
 CA-110 *Beauveria bassiana* 8963  
 CA-111 *Beauveria bassiana* 8964  
 CA-112 *Beauveria bassiana* 9220  
 CA-113 *Beauveria bassiana* 8965  
 CA-114 *Beauveria bassiana* 8966  
 CA-117 *Beauveria bassiana* 8967  
 CA-118 *Beauveria bassiana* 8968  
 CA-119 *Beauveria bassiana* 8969  
 CA-120 *Beauveria bassiana* 8970  
 CA-121 *Beauveria bassiana* 8971  
 CA-122 *Beauveria bassiana* 8972  
 CA-123 *Beauveria bassiana* 8973  
 CA-124 *Beauveria bassiana* 8974  
 CA-126 *Purpureocillium lilacinum* 9238  
 CA-128 *Purpureocillium lilacinum* 9239  
 CA-131 *Purpureocillium lilacinum* 9240  
 CA-132 *Metarhizium anisopliae* sensu lato 8956  
 CA-135 *Metarhizium anisopliae* sensu lato 8957  
 CA-139 *Beauveria bassiana* 8975  
 CA-140 *Beauveria bassiana* 8976  
 CA-141 *Beauveria bassiana* 8977  
 CA-142 *Beauveria bassiana* 8978  
 CA-143 *Beauveria bassiana* 8979  
 CA-144 *Beauveria bassiana* 8980  
 CA-145 *Beauveria bassiana* 8981  
 CA-146 *Beauveria bassiana* 8982  
 CA-147 *Beauveria bassiana* 8983  
 CA-148 *Beauveria bassiana* 8933  
 CA-149 *Beauveria bassiana* 8934  
 CA-150 *Beauveria bassiana* 8935  
 CA-153 *Beauveria bassiana* 8936  
 CA-170 *Metarhizium anisopliae* sensu lato 9439  
 CA-171 *Metarhizium anisopliae* 9354  
 CA-172 *Beauveria bassiana* 9346  
 CA-174 *Beauveria bassiana* 9347  
 CA-175 *Beauveria bassiana* 9348

CA-176 *Beauveria bassiana* 9349  
 CA-180 *Beauveria bassiana* 9350  
 CA-181 *Beauveria bassiana* 9351  
 CA-183 *Beauveria bassiana* 9352  
 CA-184 *Beauveria bassiana* 9353  
 CA-687 *Beauveria bassiana* 8937  
 CA-688 *Beauveria bassiana* 8938  
 CA-689 *Beauveria bassiana* 8939  
 CA-714 *Metarhizium anisopliae* sensu lato 9150  
 CA-715 *Metarhizium anisopliae* sensu lato 9151  
 CA-716 *Metarhizium anisopliae* sensu lato 9152  
 CA-717 *Metarhizium anisopliae* sensu lato 9154  
 CA-718 *Metarhizium anisopliae* sensu lato 9155  
 CA-719 *Metarhizium anisopliae* sensu lato 9156  
 CA-720 *Metarhizium anisopliae* sensu lato 9157  
 CA-721 *Metarhizium anisopliae* sensu lato 9158  
 CA-722 *Metarhizium anisopliae* sensu lato 9159  
 CA-723 *Metarhizium anisopliae* sensu lato 9160  
 CA-724 *Metarhizium anisopliae* sensu lato 9161  
 CA-725 *Metarhizium anisopliae* sensu lato 9162  
 CA-726 *Beauveria bassiana* 9202  
 CA-727 *Beauveria bassiana* 9205  
 CA-728 *Beauveria bassiana* 9206  
 CA-729 *Beauveria bassiana* 9207  
 CA-730 *Beauveria bassiana* 9222  
 CA-731 *Beauveria bassiana* 9229  
 CA-741 *Evlachovaea* sp. 9164  
 CA-743 *Evlachovaea* sp. 9170  
 CA-744 *Evlachovaea* sp. 9171  
 CA-745 *Evlachovaea* sp. 9185  
 CA-746 *Evlachovaea* sp. 9186  
 CA-747 *Evlachovaea* sp. 9189  
 CA-749 *Beauveria bassiana* 9193  
 CA-750 *Beauveria bassiana* 9194  
 CA-751 *Beauveria bassiana* 9197  
 CA-752 *Beauveria bassiana* 9199  
 CA-754 *Beauveria bassiana* 9203  
 CA-755 *Beauveria bassiana* 9204  
 CA-756 *Beauveria bassiana* 9208  
 CA-757 *Beauveria bassiana* 9212  
 CA-758 *Beauveria bassiana* 9223  
 CA-759 *Beauveria bassiana* 9224  
 CA-760 *Beauveria bassiana* 9230  
 CA-770 *Metarhizium anisopliae* sensu lato 9153  
 CA-773 *Evlachovaea* sp. 9165  
 CA-774 *Evlachovaea* sp. 9168  
 CA-775 *Evlachovaea* sp. 9172  
 CA-776 *Evlachovaea* sp. 9173  
 CA-777 *Evlachovaea* sp. 9174  
 CA-778 *Evlachovaea* sp. 9237  
 CA-779 *Evlachovaea* sp. 9187  
 CA-780 *Evlachovaea* sp. 9190  
 CA-781 *Beauveria bassiana* 9195  
 CA-782 *Beauveria bassiana* 9200  
 CA-783 *Beauveria bassiana* 9209  
 CA-784 *Beauveria bassiana* 9210  
 CA-785 *Beauveria bassiana* 9213  
 CA-786 *Beauveria bassiana* 9221  
 CA-787 *Beauveria bassiana* 9225  
 CA-788 *Beauveria bassiana* 9226  
 CA-789 *Beauveria bassiana* 9231  
 CA-797 *Evlachovaea* sp. 9166  
 CA-798 *Evlachovaea* sp. 9167  
 CA-799 *Evlachovaea* sp. 9169  
 CA-800 *Evlachovaea* sp. 9188  
 CA-801 *Evlachovaea* sp. 9191  
 CA-802 *Evlachovaea* sp. 9192  
 CA-803 *Beauveria bassiana* 9196  
 CA-804 *Beauveria bassiana* 9198  
 CA-805 *Beauveria bassiana* 9201  
 CA-806 *Beauveria bassiana* 9214  
 CA-807 *Beauveria bassiana* 9215  
 CA-808 *Beauveria bassiana* 9216  
 CA-809 *Beauveria bassiana* 9227  
 CA-810 *Beauveria bassiana* 9228  
 CA-811 *Beauveria bassiana* 9211  
 CA-811 *Beauveria bassiana* 9232  
 CA-812 *Beauveria bassiana* 9234  
 CA-880 *Beauveria bassiana* 8940  
 CA-97 *Beauveria bassiana* 9345  
 D *Lecanicillium* sp. 3255  
 DT-122 *Mariannaea* sp. 3315  
 EW1 *Beauveria bassiana* 5495  
 EW2 *Beauveria bassiana* 5496  
 F *Mariannaea* sp. 3257  
 F1.2 *Lecanicillium lecanii* 3683  
 F10 *Lecanicillium muscarium* 3691  
 F2.3 *Lecanicillium muscarium* 3684  
 F3.1 *Lecanicillium muscarium* 3685  
 F4 *Lecanicillium muscarium* 3686  
 F5 *Lecanicillium muscarium(?)* 3687  
 F6 *Lecanicillium lecanii* 3688  
 F7 *Lecanicillium lecanii(?)* 3689  
 F9 *Lecanicillium muscarium* 3690  
 FR20 *Verticillium lecanii* 5491  
 FREY2 *Beauveria bassiana* 5493  
 FREY3 *Beauveria bassiana* 5494  
 G *Mariannaea* sp. 3258  
 HL-1.1 *Isaria farinosa* 3537  
 HL-2.3 *Isaria farinosa* 3538  
 HL-4 Unidentified sp. 3567  
 HL-5 Unidentified sp. 3568  
 HL-6 Unidentified sp. 3569  
 I *Lecanicillium* sp. 3259  
 J *Lecanicillium* sp. 3260  
 K *Mariannaea* sp. 3261  
 L *Mariannaea* sp. 3262  
 L3741 *Isaria* sp. 11629  
 M *Mariannaea* sp. 3263  
 MLC1 Unidentified sp. 3794  
 MLC11 Unidentified sp. 3797  
 MLC2 *Beauveria bassiana* 11614  
 MLC3 *Beauveria bassiana* 11615  
 MLC4 *Beauveria bassiana* 11616  
 MLC8 *Beauveria bassiana* 5492  
 MLC9 Unidentified sp. 3796  
 MLC9 *Beauveria bassiana* 11617  
 N *Mariannaea* sp. 3264  
 O *Mariannaea* sp. 3265

## Alternate Collections

Brownbridge, Michael  
Carroll, George C.

P *Hirsutella* sp. 3266  
Perry 1 *Hirsutella* sp. 3318  
Perry 2 *Mariannaea* sp. 3317  
Perry 3 Unidentified sp. 3319  
Q *Mariannaea* sp. 3267  
R *Mariannaea* sp. 3268  
R-11 *Mariannaea* sp. 3549  
R-12 *Verticillium* sp. 3550  
R-13 *Verticillium* sp. 3551  
R-14 *Verticillium* sp. 3552  
R-15 *Hirsutella* sp. 3553  
R-20.1 *Mariannaea* sp. 3554  
R-22 *Verticillium* sp. 3556  
R-23 *Mariannaea* sp. 3557  
R-25 *Mariannaea* sp. 3558  
R-27 *Mariannaea* sp. 3559  
R-28 Unidentified sp. 3560  
R-29 *Verticillium* sp. 3561  
R-31 *Mariannaea* sp. 3562  
R-34 *Mariannaea* sp. 3563  
R-38 *Isaria farinosa* 3564  
R-4 *Hirsutella* sp. 3546  
R-48 *Paecilomyces* sp. 3566  
R-6 *Verticillium* sp. 3547  
R-9 *Hirsutella* sp. 3548  
S *Mariannaea* sp. 3269  
S-1 Unidentified sp. 3571  
T *Mariannaea* sp. 3270  
WFT-3 Unidentified sp. 3570  
Williams *Mariannaea* sp. 3316

### Bruck, Denny J.

IP 951 *Beauveria brongniartii* 10278  
IP 957 *Beauveria brongniartii* 10279  
IP 969 *Beauveria brongniartii* 10280  
IP-225 *Beauveria bassiana* 7363  
IP-238 *Beauveria bassiana* 7364  
IP-241 *Beauveria bassiana* 7365  
IP-36 *Beauveria bassiana* 7356  
IP-57 *Beauveria bassiana* 7357  
IP-62 *Beauveria bassiana* 7358  
IP-63 *Beauveria bassiana* 7359  
IP-780 *Beauveria brongniartii* 10277  
IP-94 *Beauveria bassiana* 7362

### Bruun Jensen, Annette

KVL 00-60 *Entomophthora scatophagae* 6704  
KVL 00-61 *Entomophthora scatophagae* 6705  
KVL 00-92 *Entomophthora muscae* 6701  
KVL 00-93 *Entomophthora schizophorae* 6817  
KVL 00-94 *Entomophthora schizophorae* 6816  
KVL 01-21 *Entomophthora muscae* 6710  
KVL 01-22 *Entomophthora muscae* 6821  
KVL 01-24 *Entomophthora muscae* 6711  
KVL 01-34 *Entomophthora syrphi* 6820  
KVL 01-35 *Entomophthora syrphi* 6819  
KVL 01-36 *Entomophthora syrphi* 6702  
KVL 01-37 *Entomophthora muscae* 6712  
KVL 01-38 *Entomophthora schizophorae* 6703  
KVL 01-39 *Entomophthora muscae* 6818  
KVL 98-10 *Entomophthora muscae* 5952  
KVL 98-12 *Entomophthora muscae* 5953

KVL 98-18 *Entomophthora muscae* 5954  
KVL 98-19 *Entomophthora syrphi* 5955  
KVL 99-1 *Entomophthora muscae* 6121  
KVL 99-10 *Entomophthora muscae* 6129  
KVL 99-102 *Entomophthora muscae* 6815  
KVL 99-109 *Entomophthora muscae* 6814  
KVL 99-11 *Entomophthora muscae* 6130  
KVL 99-110 *Entomophthora muscae* 6813  
KVL 99-12 *Entomophthora muscae* 6131  
KVL 99-13 *Entomophthora muscae* 6132  
KVL 99-138 *Entomophthora muscae* 6708  
KVL 99-139 *Entomophthora muscae* 6709  
KVL 99-14 *Entomophthora muscae* 6133  
KVL 99-15 *Entomophthora muscae* 6134  
KVL 99-16 *Entomophthora muscae* 6135  
KVL 99-17 *Entomophthora muscae* 6136  
KVL 99-18 *Entomophthora schizophorae* 6137  
KVL 99-19 *Entomophthora schizophorae* 6138  
KVL 99-2 *Entomophthora muscae* 6122  
KVL 99-20 *Entomophthora schizophorae* 6139  
KVL 99-21 *Entomophthora muscae* 6165  
KVL 99-22 *Entomophthora muscae* 6140  
KVL 99-23 *Entomophthora muscae* 6141  
KVL 99-24 *Entomophthora schizophorae* 6142  
KVL 99-25 *Entomophthora schizophorae* 6143  
KVL 99-3 *Entomophthora muscae* 6123  
KVL 99-4 *Entomophthora muscae* 6164  
KVL 99-5 *Entomophthora muscae* 6124  
KVL 99-6 *Entomophthora muscae* 6125  
KVL 99-7 *Entomophthora muscae* 6126  
KVL 99-72 *Entomophthora muscae* 6714  
KVL 99-74 *Entomophthora muscae* 6715  
KVL 99-74 *Entomophthora muscae* 6812  
KVL 99-75 *Entomophthora muscae* 6706  
KVL 99-8 *Entomophthora muscae* 6127  
KVL 99-80 *Entomophthora muscae* 6713  
KVL 99-84 *Entomophthora muscae* 6717  
KVL 99-85 *Entomophthora muscae* 6811  
KVL 99-9 *Entomophthora muscae* 6128  
KVL 99-92 *Entomophthora ferdinandii* 6918  
KVL 99-93 *Entomophthora muscae* 6707  
KVL 99-95 *Entomophthora muscae* 6716

### Bulmer, G.S.

05-78 *Beauveria pseudobassiana* 2455  
**CAAS**  
4pl *Beauveria brongniartii* 4381  
93.1 *Beauveria bassiana* 4382  
CZN.9301 *Beauveria brongniartii* 4380

### CABI

351805 *Metarrhizium robertsii* 727

### Callaghan, Arthur A.

01:020 *Conidiobolus pumilus* 6383  
01:072 *Basidiobolus ranarum* 6382  
04:012 *Conidiobolus coronatus* 6379  
04:023 *Conidiobolus iuxtagenitus* 6378  
04:036 *Conidiobolus heterosporus* 6386  
04:037 *Conidiobolus thromboides* 6381  
04:041 *Conidiobolus adiaeetus* 6377  
04:103 *Basidiobolus ranarum* 6380  
08:026 *Conidiobolus firmipilleus* 6384  
08:229 *Conidiobolus lampraugae* 6385  
30 *Basidiobolus ranarum* 6380  
31 *Basidiobolus ranarum* 6382  
35 *Conidiobolus pumilus* 6383  
42 *Conidiobolus thromboides* 6381  
45 *Conidiobolus coronatus* 6379  
53 *Conidiobolus firmipilleus* 6384  
55 *Conidiobolus iuxtagenitus* 6378  
62 *Conidiobolus adiaeetus* 6377

### Caner, Yasemin Kahveci

14 *Lecanicillium lecanii(?)* 8293  
15 *Lecanicillium lecanii(?)* 8294  
16 *Fusarium* sp. 8304  
2.11 *Fusarium* sp. 8643  
2.14 *Fusarium* sp. 8652  
2.16 *Fusarium* sp. 8644  
2.17 *Fusarium* sp. 8645  
2.18 *Fusarium* sp. 8646  
2.19 *Fusarium* sp. 8647  
2.20 *Fusarium* sp. 8648  
2.21 *Fusarium* sp. 8649  
2.23 *Lecanicillium muscarium* 8642  
2.29 *Fusarium* sp. 8650  
2.6 *Fusarium* sp. 8651  
21 *Lecanicillium lecanii* 8295  
21 *Fusarium* sp. 8305  
24 *Lecanicillium muscarium* 8296  
25 *Fusarium* sp. 8306  
29 *Lecanicillium longisporum* 8297  
3 *Fusarium* sp. 8303  
38 *Fusarium* sp. 8301  
4 *Fusarium* sp. 8298  
40 *Fusarium* sp. 8302  
6 *Fusarium* sp. 8299  
8 *Fusarium* sp. 8300

### Carroll, George C.

2(HO-O-Hatch IV) *Fusarium avenaceum* 2060  
3(RSRS-0/34) *Acremonium berkeleyanum* 2067  
4(HO-O-Hatch VIII) *Lecanicillium muscarium* 2066  
6(HO-O-Hatch VIII) *Lecanicillium muscarium* 2065  
B *Fusarium merismoides* 2059  
CH-O-66/201 Sterile mycelium 2073  
E *Pochonia suchlasporia* var. *catenata* 2064  
HO-O-Hatch VIII *Phoma cava* 2071  
RSRS-0/62 *Mortierella hyalina* 2061  
RSRS-24/68 *Phialophora malorum* 2072  
VO25 Unidentified sp. 2528

**Carruthers, Raymond I.**

A-II *Zoophtora radicans* 2287  
 A-IV *Zoophtora radicans* 2286  
 C-II *Zoophtora radicans* 2289  
 D-I *Zoophtora radicans* 2282  
 D-II *Zoophtora radicans* 2284  
 D-III *Zoophtora radicans* 2283  
 D-IV *Zoophtora radicans* 2288  
 HOP-I *Zoophtora radicans* 2246  
 HOP-II *Zoophtora radicans* 2243  
 HOP-III *Zoophtora radicans* 2242  
 HOP-V *Zoophtora radicans* 2241  
 HOP-VI *Zoophtora radicans* 2245  
 HOP-VII *Zoophtora radicans* 2244

**Castrillo, Louela A.**

A1b1 *Beauveria bassiana*(?) 8811  
 A2 soil 1 *Metarhizium anisopliae* sensu lato 8653  
 A2 soil 2 *Metarhizium anisopliae* sensu lato 8654  
 A2s5 *Beauveria bassiana*(?) 8805  
 A2s8 *Isaria farinosa*(?) 8806  
 A3s2 *Beauveria bassiana*(?) 8807  
 A4s2 *Beauveria bassiana*(?) 8808  
 A5s1 *Beauveria bassiana*(?) 8809  
 A5s3 *Beauveria bassiana*(?) 8810  
 APMI1 *Beauveria bassiana* 8771  
 APMI2 *Beauveria bassiana* 8772  
 APMI3 *Beauveria bassiana* 8773  
 APMI4 *Beauveria bassiana* 8774  
 B1 soil 1 *Metarhizium anisopliae* sensu lato 8655  
 CA1 *Beauveria bassiana* 8237  
 CA6 *Beauveria bassiana* 8238  
 CD10 *Beauveria bassiana* 8239  
 CE1 *Beauveria bassiana* 8240  
 CE10 *Beauveria bassiana* 8241  
 CNC10 *Beauveria* sp. 12345  
 CNG10 *Beauveria bassiana* 9552  
 CNG6 *Beauveria bassiana* 9551  
 CNJ10 *Beauveria bassiana* 9553  
 FA1 *Beauveria bassiana* 8242  
 FB1 *Beauveria bassiana* 8243  
 FC1 *Beauveria bassiana* 8244  
 FRA2 *Beauveria* sp. 12339  
 FRA4 *Beauveria* sp. 12340  
 FRA5 *Beauveria bassiana* 9554  
 FRB2 *Beauveria* sp. 12341  
 FRB5 *Beauveria* sp. 12342  
 FRC4 *Beauveria bassiana* 9555  
 FRC5 *Beauveria* sp. 12343  
 FRD2 *Beauveria* sp. 12344  
 FRE1 *Beauveria bassiana* 9556  
 FRE2 *Beauveria* sp. 12346  
 FRE4 *Beauveria bassiana* 9557  
 L1 soil 1 *Metarhizium anisopliae* sensu lato 8656  
 L1s1 *Beauveria bassiana*(?) 8801  
 L2s1 *Beauveria bassiana*(?) 8802  
 L3s1 *Beauveria bassiana*(?) 8803  
 L5 soil 1 *Metarhizium anisopliae* sensu lato 8657  
 L5s1 *Beauveria bassiana*(?) 8804  
 MI-01 *Beauveria bassiana* 8189  
 MI-02 *Beauveria bassiana* 8190

MI-03 *Beauveria bassiana* 8191

MI-04 *Beauveria bassiana* 8192  
 MI-05 *Beauveria bassiana* 8193  
 MI-06 *Beauveria bassiana* 8194  
 MI-07 *Beauveria bassiana* 8195  
 MI-17 *Metarhizium anisopliae* sensu lato 8196  
 MI-18 *Metarhizium anisopliae* sensu lato 8197  
 MI-19 *Metarhizium anisopliae* sensu lato 8198  
 MI-20 *Metarhizium anisopliae* sensu lato 8199  
 NY-1 *Beauveria bassiana* 6986  
 NY-11 *Beauveria bassiana* 6988  
 NY-5 *Beauveria bassiana* 6987  
 R3 soil 1 *Metarhizium anisopliae* sensu lato 8658  
 R6b1 *Beauveria bassiana*(?) 8812  
 R6b3 *Beauveria bassiana*(?) 8813  
 R7 soil 1 *Metarhizium anisopliae* sensu lato 8659  
 R7s1 *Beauveria bassiana*(?) 8817  
 R8b3 *Beauveria bassiana*(?) 8814  
 R8b5 *Beauveria bassiana*(?) 8815  
 R8b8 *Beauveria bassiana*(?) 8816  
 R8s1 *Beauveria bassiana*(?) 8818  
 R8s3 *Beauveria bassiana*(?) 8819  
 SFBb1 *Beauveria bassiana* 8245  
 SFBb2 *Beauveria bassiana* 8246  
 SFBb7 *Beauveria bassiana* 8247  
 SFMa1 *Metarhizium anisopliae* sensu lato 8248  
 SFMa2 *Metarhizium anisopliae* sensu lato 8249  
 TB1-1 *Beauveria bassiana* 8201  
 TB1-2 *Beauveria bassiana* 8202  
 TB1.1-1 *Beauveria bassiana* 8203  
 TB1.1-2 *Beauveria bassiana* 8204  
 TB1.3-1 *Beauveria bassiana* 8205  
 TB1.3-2 *Beauveria bassiana* 8206  
 TB1.4-1 *Beauveria bassiana* 8207  
 TB1.5-1 *Beauveria bassiana* 8208  
 TB1.5-2 *Beauveria bassiana* 8209  
 TB2.1-1 *Beauveria bassiana* 8210  
 TB2.1-2 *Beauveria bassiana* 8211

**CATIE**

1 *Beauveria bassiana* 3437  
 10 *Beauveria bassiana* 3446  
 11 *Beauveria bassiana* 3447  
 12 *Beauveria bassiana* 3448  
 13 *Beauveria bassiana* 3449  
 14 *Beauveria bassiana* 3450  
 15 *Beauveria bassiana* 3451  
 16 *Beauveria bassiana* 3452  
 17 *Beauveria bassiana* 3453  
 18 *Beauveria bassiana* 3454  
 19 *Beauveria bassiana* 3455  
 2 *Beauveria bassiana* 3438  
 20 *Beauveria bassiana* 3456  
 21 *Beauveria bassiana* 3457  
 3 *Beauveria bassiana* 3439  
 4 *Beauveria bassiana* 3440  
 5 *Beauveria bassiana* 3441  
 6 *Beauveria bassiana* 3442

7 *Beauveria bassiana* 3443

8 *Beauveria bassiana* 3444  
 9 *Beauveria bassiana* 3445

**CBS**

?719.70 *Tolypocladium cylindrosporum* 961  
 111113 *Isaria farinosa* 7118  
 111238 *Beauveria bassiana* 1564  
 115882 *Clonostachys rosea* 7200  
 115883 *Clonostachys rosea* 7472  
 116719 *Torrubiella piperis* 7232  
 118231 *Lecanicillium pisoidis* 8057  
 118466 *Isaria andoi* 1684  
 125.65 *Metarhizium flavoviride* var. *flavoviride* 2025  
 128517 *Colletotrichum fioriniae* 10222  
 130.58 *Calcarisporium parasiticum* 6154  
 136.57 *Conidiobolus adiaeetus* 451  
 140.57 *Conidiobolus paulus* 450  
 141.39 *Conidiobolus brefeldianus* 452  
 141.73 *Akanthomyces gracilis* 2919  
 148.75 *Sporodiniella umbellata* 5222  
 150.47 *Ophiocordyceps aphodii* 5498  
 152.56 *Conidiobolus pumilus* 453  
 154.61 *Lecanicillium psalliotae* 5249  
 155.56 *Conidiobolus osmodes* 193  
 155.56 *Conidiobolus osmodes* 447  
 157.56 *Conidiobolus rhyssopus* 448  
 182.60 *Conidiobolus obscurus* 74  
 183.60 *Conidiobolus thrombooides* 15  
 183.60 *Conidiobolus thrombooides* 115  
 183.60 *Conidiobolus thrombooides* 208  
 194.77 *Pandora blunckii* 217  
 205.33 *Hirsutella fusiformis* 5474  
 205.64 *Basidiobolus magnus* 8330  
 216.66 *Zoophtora radicans* 189  
 216.78 *Hirsutella rhossiliensis* 2894  
 218.56 *Metarhizium flavoviride* 2133  
 276.82 *Tolypocladium cylindrosporum* 2911  
 299.94 *Monacrosporium elegans* 4807  
 300.94 *Monacrosporium elegans* 4810  
 301.94 *Monacrosporium elegans* 4805  
 303.94 *Monacrosporium ellipsosporum* 4803  
 305.95 *Tolypocladium inflatum* 4884  
 308.94 *Gamsylella gephypopaga* 4817  
 310.66 *Basidiobolus haptosporus* var. *minor* 8331  
 316.51 *Metarhizium brunneum* 2107  
 316.51 *Metarhizium anisopliae* sensu lato 7494  
 318.94 *Monacrosporium psychrophilum* 4813  
 320.94 *Monacrosporium thaumasium* 4802  
 321.94 *Monacrosporium thaumasium* 4806  
 326.67 *Beauveria brongniartii* 7761  
 328.52 *Myrothecium verrucaria* 7757  
 329.94 *Gamsylella lobata* 4811  
 332.94 *Arthrobotrys brochopaga* 4815  
 345.77 *Tolypocladium extinguens* 2921  
 349.84 *Aschersonia placenta* 7603  
 384.32 *Lecanicillium muscarium* 5220

## Alternate Collections

- 384.81 *Verticillium epiphytum* 5250  
 418.82 *Hirsutella citriformis* 1035  
 418.82 *Hirsutella citriformis* 1446  
 422.82 *Hirsutella versicolor* 1034  
 423.82 *Hirsutella versicolor* 1037  
 433.73 *Pseudogibellula formicarum* 2913  
 450.78 *Hirsutella thompsonii* 256  
 451.78 *Hirsutella thompsonii* 257  
 452.78 *Hirsutella thompsonii* 258  
 452.78 *Hirsutella thompsonii* 414  
 473.73 *Metarhizium flavoviride* 2026  
 497.92 *Dactyella oxyspora* 4801  
 511.88 *Stilbella buquetii* 2915  
 537.81 *Verticillium lecanii* 2916  
 544.81 *Metarhizium flavoviride* var. *mirus* 2023  
 555.77 *Hirsutella thompsonii* var. *vinacea* 254  
 556.77A *Hirsutella thompsonii* 255  
 556.77B *Hirsutella thompsonii* 241  
 556.77C *Hirsutella thompsonii* 253  
 556.77D *Hirsutella thompsonii* 259  
 567.92 *Hirsutella rhossiliensis* 2790  
 600.92 *Harposporium cerberi* 5123  
 607.80 *Beauveria* sp. 2998  
 615.82 *Drechmeria coniospora* 2468  
 645.74 *Beauveria vermicionia* 2922  
 700.74 *Metarhizium flavoviride* var. *flavoviride* 1184  
 700.74 *Metarhizium flavoviride* 2024  
 718.70 *Tolypocladium cylindrosporum* 2920  
 741.73 *Akanthomyces gracilis* 2910  
 745.88 *Mariannaea elegans* 5349  
 746.88 *Mariannaea elegans* 5350  
 755.83 *Culicinomyces clavisporus* 964  
 756.73 *Sporothrix insectorum* 2918  
 770.73 *Sporothrix insectorum* 2909  
 789.85 *Pochonia suchlasporia* var. *cate-nata* 2064  
 912.70 *Hirsutella citriformis* 1036  
 944.70 *Harposporium helicoides* 5354  
 952.73 *Hirsutella thompsonii* 137  
 989.73 *Tolypocladium cylindrosporum* 2912  
 999.73 *Stilbella buquetii* 2917  
 CBS 325.94 *Arthrobotrys amerospora* 4809
- CCFC**  
 006759 *Lecanicillium muscarium* 6591  
 006988 *Tolypocladium inflatum* 4884  
 186444 (A+XB-) *Ascospaera larvis* 7945  
 186444(A+XB-) *Ascospaera larvis* 7946  
 962 *Tolypocladium inflatum* 616  
 DAOM 160594 *Tolypocladium inflatum* 3278  
 DAOM 167132 *Tolypocladium inflatum* 3432  
 DAOM 167133 *Tolypocladium tundrense* 3399  
 DAOM 167134 *Tolypocladium tundrense* 3400  
 DAOM 167175 *Tolypocladium inflatum* 3279
- DAOM 167176 *Tolypocladium cylindrosporum* 963  
 DAOM 167320 *Tolypocladium nubicola* 3434  
 DAOM 167321 *Tolypocladium geodes* 3271  
 DAOM 167322 *Tolypocladium inflatum* 3280  
 DAOM 167323 *Tolypocladium geodes* 3272  
 DAOM 167324 *Tolypocladium nubicola* 3435  
 DAOM 167325 *Tolypocladium cylindrosporum* 962  
 DAOM 167326 *Tolypocladium geodes* 3273  
 DAOM 176470 *Tolypocladium geodes* 3274  
 DAOM 180479 *Tolypocladium cylindrosporum* 3392  
 DAOM 180481 *Tolypocladium inflatum* 3433  
 DAOM 183952 *Tolypocladium cylindrosporum* 961  
 DAOM 183955 *Tolypocladium inflatum* 3394  
 DAOM 184880 *Tolypocladium parasiticum* 3436  
 DAOM 185687 *Tolypocladium inflatum* 3395  
 DAOM 191103 *Tolypocladium microsporum* 3431  
 DAOM 191333 *Tolypocladium geodes* 3275  
 DAOM 191334 *Tolypocladium tundrense* 3401  
 DAOM 191336 *Tolypocladium geodes* 3276  
 DAOM 191338 *Tolypocladium inflatum* 3396  
 DAOM 191855 *Beauveria caledonica* 2567  
 DAOM 198395 *Tolypocladium inflatum* 3281  
 DAOM 199924 *Tolypocladium inflatum* 3321  
 DAOM 210147 *Tolypocladium inflatum* 3398  
 DAOM 63905 *Tolypocladium inflatum* 3320  
 DAOM 64352 *Tolypocladium inflatum* 3277
- CDC**  
 B-4741 *Conidiobolus* sp. 2925  
 B-4742 *Conidiobolus* sp. 2924  
 B-4743 *Conidiobolus* sp. 2926  
 B-4744 *Conidiobolus* sp. 2927
- CENARGEN**  
 CG 1010 *Beauveria bassiana* 8635  
 CG 1011 *Beauveria bassiana* 8636  
 CG 123 *Isaria fumosorosea* 2956  
 CG 134 Unidentified sp. 3467  
 CG 135 Unidentified sp. 3468  
 CG 145 *Beauveria bassiana* 2957  
 CG 162 *Isaria amoenerosea* 2958
- CG 163 *Isaria amoenerosea* 2959  
 CG 164 *Isaria amoenerosea* 2960  
 CG 165 *Beauveria bassiana* 2961  
 CG 166 *Beauveria bassiana* 2962  
 CG 168 *Metarhizium anisopliae* sensu stricto 1883  
 CG 181 *Purpureocillium lilacinum* 3469  
 CG 182 Unidentified sp. 3470  
 CG 186 Unidentified sp. 3624  
 CG 187 *Beauveria bassiana* 3477  
 CG 188 Unidentified sp. 3475  
 CG 189 Unidentified sp. 3476  
 CG 193 Unidentified sp. 3625  
 CG 262 Unidentified sp. 3626  
 CG 263 Unidentified sp. 3627  
 CG 264 Unidentified sp. 3628  
 CG 265 Unidentified sp. 3629  
 CG 266 Unidentified sp. 3630  
 CG 268 Unidentified sp. 3631  
 CG 269 Unidentified sp. 3632  
 CG 270 Unidentified sp. 3633  
 CG 271 Unidentified sp. 3634  
 CG 275 Unidentified sp. 3635  
 CG 301 *Purpureocillium lilacinum* 1951  
 CG 304 Unidentified sp. 3471  
 CG 307 *Mixed Culture* sp. 3472  
 CG 308 Unidentified sp. 3636  
 CG 309 Unidentified sp. 3473  
 CG 310 Unidentified sp. 3474  
 CG 311 Unidentified sp. 3478  
 CG 334 Unidentified sp. 3637  
 CG 335 Unidentified sp. 3638  
 CG 339 *Metarhizium anisopliae* sensu lato 3479  
 CG 345 Unidentified sp. 3639  
 CG 346 Unidentified sp. 3640  
 CG 347 Unidentified sp. 3641  
 CG 348 Unidentified sp. 3642  
 CG 349 Unidentified sp. 3643  
 CG 35 *Isaria fumosorosea* 3480  
 CG 350 Unidentified sp. 3644  
 CG 351 Unidentified sp. 3645  
 CG 352 Unidentified sp. 3646  
 CG 353 Unidentified sp. 3647  
 CG 354 Unidentified sp. 3648  
 CG 355 Unidentified sp. 3649  
 CG 356 Unidentified sp. 3650  
 CG 357 Unidentified sp. 3651  
 CG 358 Unidentified sp. 3652  
 CG 359 Unidentified sp. 3653  
 CG 36 *Purpureocillium lilacinum* 3481  
 CG 360 Unidentified sp. 3654  
 CG 361 Unidentified sp. 3655  
 CG 362 Unidentified sp. 3656  
 CG 363 Unidentified sp. 3657  
 CG 422 Unidentified / Hyphomycetes 8640  
 CG 422 *Lecanicillium aphanocladii*(?) 7985  
 CG 425 *Beauveria bassiana* 7983  
 CG 6 Unidentified sp. 3466  
 CG 639 Unidentified / Hyphomycetes 8641  
 CG 68 *Beauveria bassiana* 3018  
 CG 69 *Beauveria bassiana* 3019  
 CG 725 *Beauveria* sp. 7982

CG 826 *Lecanicillium* sp. 8639  
 CG 858 *Metarhizium anisopliae* sensu stricto 7981  
 CG 86 *Beauveria bassiana* 3020  
 CG 882 *Beauveria bassiana* 8637  
 CG 883 *Beauveria bassiana* 8638  
 CG 883 *Beauveria bassiana* 7984

**CENICAFÉ**  
 Bb 9024 *Beauveria bassiana* 9184

**CEP**  
 (S) 004 *Isaria farinosa* 7777  
 001 *Beauveria bassiana* 8368  
 002 *Beauveria bassiana* 8369  
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 021 *Nomuraea rileyi* 7778  
 022 *Nomuraea rileyi* 7480  
 023 *Nomuraea rileyi* 7481  
 034 *Nomuraea rileyi* 7484  
 035 *Nomuraea rileyi* 7779  
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 050 *Clonostachys rosea* 7200  
 051 *Isaria fumosorosea* 7204  
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 054 *Lecanicillium muscarium* 7460  
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 056 *Lecanicillium longisporum* 7461  
 056 *Lecanicillium longisporum* 7206  
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 058 *Beauveria bassiana* 7201  
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 062 *Conidiobolus coronatus* 7203  
 063 *Lecanicillium muscarium* 7781  
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 066 *Clonostachys rosea* 7472  
 069 *Beauveria bassiana* 8459  
 071 *Purpureocillium lilacinum* 7478  
 072 *Beauveria bassiana* 7464  
 074 *Beauveria bassiana* 7465  
 075 *Beauveria bassiana* 7466  
 076 *Metarhizium anisopliae* sensu lato 7474  
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 092 *Beauveria bassiana* 7471  
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 101 *Lecanicillium longisporum* 7458  
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 107 *Isaria javanica* 7477  
 108 *Lecanicillium lecanii* 7462  
 111 *Beauveria bassiana* 8460  
 112 *Beauveria bassiana* 8520  
 113 *Beauveria bassiana* 8521  
 114 *Beauveria bassiana* 8522  
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 119 *Beauveria bassiana* 8526  
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 130 *Zoophthora radicans* 7455  
 134 *Fusarium* sp. 7473  
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 141 *Beauveria bassiana* 8530  
 142 *Beauveria bassiana* 8371  
 147 *Beauveria bassiana* 8372  
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 150 *Beauveria bassiana* 8373  
 151 *Beauveria bassiana* 8374  
 160 *Metarhizium anisopliae* sensu lato 8376  
 172 *Zoophthora radicans* 7788  
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 184 *Conidiobolus* sp. 7786  
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 189 *Beauveria bassiana* 7776  
 190 *Lecanicillium longisporum* 7784  
 194 *Lecanicillium muscarium* 7785  
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 315 *Isaria fumosorosea* 8730  
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 PC 375 *Aschersonia cubensis* 7704  
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 PC 385 *Torrubiella* sp. 7701  
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 PC 472 *Gibellula* sp. 7709  
 PC 497 *Hypocrea rufa* 7710  
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 PC 575 *Aschersonia viridans* 7650  
 PC 585 *Aschersonia viridans* 7652  
 PC 589 *Aschersonia viridans* 7653  
 PC 604 *Clavicipitaceae* anamorph 7654  
 PC 611 *Hyperdermium* sp. 7655  
 PC 614 *Aschersonia* sp. 7656  
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- V *Conidiobolus* sp. 3406
- VI *Conidiobolus* sp. 3407

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- MaNPS1 Ect A-18 *Metarhizium anisopliae* sensu lato 8323
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- 004 *Fusarium* sp. 6320
- 013 *Sporothrix* sp. 6341
- 016 *Trichoderma viride*(?) 6344
- 020 *Fusarium* sp. 6348
- 021 *Fusarium* sp. 6351
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- 023 *Fusarium* sp. 6353
- 024 *Fusarium* sp. 6354
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- 028 *Fusarium* sp. 6358
- 040 *Fusarium* sp. 6375
- 042 *Metarhizium anisopliae* sensu lato 6457
- 043 *Paecilomyces lilacinus*(?) 6458
- 044 *Beauveria bassiana* 6459
- 045 *Fusarium* sp. 6460
- 046 *Fusarium* sp. 6461
- 047 *Paecilomyces crustaceus*(?) 6462
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- 049 *Fusarium* sp. 6464
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- 053 *Metarhizium anisopliae* sensu lato 6468
- 068 *Fusarium* sp. 6576
- 301 *Evlachovaea* sp. 7551

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- 150 *Evlachovaea kintrischica* 8058

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- 267 *Beauveria bassiana* 2632
- 268 *Beauveria bassiana* 2633
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- 53 *Metarhizium anisopliae* sensu lato 1989
- 63 *Beauveria bassiana* 2630
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- 81-11-25-04 *Beauveria bassiana* 756
- 81-11-25-05 *Beauveria bassiana* 731
- 81-11-25-07 *Beauveria bassiana* 732
- 82-07-27-01 *Beauveria bassiana* 928
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- 82-1-15-05 *Isaria fumosorosea* 722
- 82-1-15-06 *Isaria amoenerosea* 741
- 82-1-26-01 *Beauveria bassiana* 737
- 82-1-6-01 *Beauveria bassiana* 733
- 82-1-6-02 *Metarhizium anisopliae* sensu lato 725
- 82-1-6-03 *Beauveria bassiana* 734
- 82-1-6-04 *Beauveria bassiana* 736
- 82-1-6-10 *Purpureocillium lilacinum* 723
- 82-12-01 *Metarhizium anisopliae* sensu lato 1970
- 82-12-15-01 *Metarhizium anisopliae* sensu lato 929
- 82-12-15-02 *Beauveria bassiana* 930
- 82-12-20-01 *Beauveria bassiana* 931
- 82-12-20-02 *Metarhizium anisopliae* sensu lato 932
- 82-12-20-02 *Beauveria bassiana* 933
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- 82-2-15-04 *Metarhizium robertsii* 724
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- 82-3-1-03 *Beauveria bassiana* 758
- 82-3-10-01 *Furia americana* 742
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- 82-3-23-01 *Beauveria bassiana* 757
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- 82-4-4-01 *Beauveria bassiana* 754
- 82-4-5-01 *Metarhizium anisopliae* sensu stricto 755
- 82-5-3-01 *Beauveria bassiana* 805
- 82-5-3-03A *Beauveria bassiana* 788
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- 82-5-4-01 *Metarhizium anisopliae* sensu lato 782
- 82-5-4-06 *Beauveria bassiana* 806
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- 82-5-7-3D-1 *Entomophaga australiensis* 791
- 82-6-25-01 *Zoophthora radicans* 789
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- 82-6-28-01 *Beauveria bassiana* 809
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- 83-02-18-01 *Nomuraea rileyi* 936
- 83-03-15-M *Beauveria bassiana* 947
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- 83-03-16K *Beauveria bassiana* 953
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- 84-03-29-1 *Beauveria bassiana* 1461
- 84-03-30-1A *Furia americana* 1242
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- 84-04-02-5A *Zoophthora radicans* 1237
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 85-06-14 *Nomuraea rileyi* 1950  
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 85-7-22 *Beauveria bassiana* 1956  
 85-7-22-1 *Isaria farinosa* 1957  
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 15 *Beauveria bassiana* 1054  
 19 *Metarhizium anisopliae* sensu lato 1055  
 25 *Metarhizium anisopliae* sensu lato 1056  
 26 *Isaria farinosa* 1065  
 30A *Metarhizium robertsii* 1057  
 30B *Purpureocillium lilacinum* 1058  
 31 *Beauveria bassiana* 1060  
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 C29 *Beauveria bassiana* 7541  
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 C33 *Beauveria amorpha* 7542  
 C40 *Purpureocillium lilacinum* 7547  
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 II *Entomophaga macleodii* 4949  
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 10 *Beauveria bassiana* 736  
 100 *Metarhizium anisopliae* sensu lato 955  
 101 *Beauveria bassiana* 956  
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 171 *Metarhizium anisopliae* sensu lato 1882  
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 174 *Metarhizium anisopliae* sensu lato 1885  
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 176 *Purpureocillium lilacinum* 1951  
 177 *Metarhizium robertsii* 1952  
 178 *Beauveria bassiana* 1953  
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 #7 *Beauveria bassiana* 5501  
 #8 *Beauveria bassiana* 5502

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 185098 *Haptocillium balanoides* 2483  
 198499 *Lecanicillium muscarium* 6591

**Daoust, Richard A.**  
 Bb-Z1 *Beauveria bassiana* 477  
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 EK8-2 *Zoophthora radicans* 790  
 Ek8-4 *Trichoderma* sp. 807  
 Eq-ESMC-CsI *Metarhizium anisopliae* sensu lato 1892  
 ZcG1 *Metarhizium anisopliae* sensu lato 1895  
 ZcG3 *Metarhizium anisopliae* sensu lato 1890  
 ZcG4 *Metarhizium anisopliae* sensu lato 1902

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 29768 *Metarhizium brunneum* 472  
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 107 *Metarhizium anisopliae* sensu lato  
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 113 *Metarhizium anisopliae* sensu lato  
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 133 *Metarhizium flavoviride* var.  
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 214 *Metarhizium anisopliae* sensu lato  
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 215 *Metarhizium anisopliae* sensu lato  
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230 <i>Metarhizium anisopliae</i> sensu lato 4275	264 <i>Metarhizium anisopliae</i> sensu lato 4650	298 <i>Metarhizium robertsii</i> 4739
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232 <i>Beauveria pseudobassiana</i> 4271	266 <i>Metarhizium anisopliae</i> sensu lato 4657	300 <i>Metarhizium anisopliae</i> sensu lato 4591
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234 <i>Metarhizium frigidum</i> 4277	268 <i>Metarhizium anisopliae</i> sensu lato 4735	302 <i>Metarhizium anisopliae</i> sensu lato 4740
235 <i>Metarhizium anisopliae</i> sensu lato 4581	269 <i>Metarhizium anisopliae</i> sensu lato 4633	303 <i>Metarhizium anisopliae</i> sensu lato 4641
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237 <i>Metarhizium anisopliae</i> sensu lato 4683	271 <i>Metarhizium anisopliae</i> sensu lato 4609	306 <i>Metarhizium anisopliae</i> sensu lato 4284
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24 <i>Metarhizium anisopliae</i> sensu lato 4139	274 <i>Metarhizium anisopliae</i> sensu lato 4306	309 <i>Beauveria pseudobassiana</i> 4240
240 <i>Metarhizium anisopliae</i> sensu lato 4651	275 <i>Metarhizium anisopliae</i> sensu lato 4288	311 <i>Metarhizium anisopliae</i> sensu lato 4586
242 <i>Metarhizium anisopliae</i> sensu lato 4665	276 <i>Beauveria pseudobassiana</i> 4300	313 <i>Metarhizium anisopliae</i> sensu lato 4632
243 <i>Beauveria pseudobassiana</i> 4356	277 <i>Metarhizium anisopliae</i> sensu lato 4736	314 <i>Metarhizium anisopliae</i> sensu lato 4315
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245 <i>Metarhizium anisopliae</i> sensu lato 4185	279 <i>Metarhizium anisopliae</i> sensu lato 4325	316 <i>Metarhizium anisopliae</i> sensu lato 4319
246 <i>Metarhizium anisopliae</i> sensu lato 4186	28 <i>Metarhizium anisopliae</i> sensu lato 4716	317 <i>Metarhizium anisopliae</i> sensu lato 4317
247 <i>Metarhizium flavoviride</i> 4221	281 <i>Metarhizium frigidum</i> 4294	318 <i>Metarhizium anisopliae</i> sensu lato 4318
248 <i>Metarhizium anisopliae</i> sensu lato 4187	282 <i>Metarhizium anisopliae</i> sensu lato 4324	319 <i>Metarhizium anisopliae</i> sensu lato 4316
249 <i>Metarhizium anisopliae</i> sensu lato 4188	283 <i>Metarhizium anisopliae</i> sensu lato 4330	32 <i>Fusarium</i> sp. 4238
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496 <i>Metarhizium anisopliae</i> sensu lato 4343	99 <i>Beauveria bassiana</i> 4276	Gg6 Sterile mycelium 11693
497 <i>Metarhizium anisopliae</i> sensu lato 4344	DAVFP 29230 <i>Lecanicillium pissodis</i> 8055	Gg7 <i>Metarhizium anisopliae</i> sensu lato 11694
498 <i>Metarhizium anisopliae</i> sensu lato 4345	29231 <i>Lecanicillium pissodis</i> 8056	Gg8 <i>Clonostachys rosea</i> 11695
499 <i>Metarhizium anisopliae</i> sensu lato 4774	29232 <i>Lecanicillium pissodis</i> 8057	Gg9 <i>Lecanicillium</i> sp. 11696
5 <i>Aspergillus parasiticus</i> 4128	David, H. 1 <i>Fusarium subglutinans</i> 2141	KTU-1 <i>Isaria fumosorosea</i> 8333
500 <i>Beauveria bassiana</i> 4289	10 <i>Fusarium subglutinans</i> 2145	KTU-10 <i>Metarhizium anisopliae</i> sensu lato 8342
503 <i>Hirsutella</i> sp. 4776	3 <i>Fusarium subglutinans</i> 2142	KTU-11 <i>Beauveria bassiana</i> 8343
505 <i>Metarhizium acridum</i> 4605	8 <i>Fusarium subglutinans</i> 2143	KTU-12 <i>Metarhizium anisopliae</i> sensu lato 8344
506 <i>Metarhizium anisopliae</i> sensu lato 4556	9 <i>Fusarium subglutinans</i> 2144	KTU-13 <i>Isaria fumosorosea</i> 8345
507 <i>Metarhizium anisopliae</i> sensu lato 4777	de Barros, Neiva M. A485 <i>Nomuraea rileyi</i> 2202	KTU-14 <i>Metarhizium anisopliae</i> sensu lato 8346
508 <i>Metarhizium anisopliae</i> sensu lato 4681	de Moura, Edmar C. H-10 <i>Hirsutella</i> sp. 2649	KTU-15 <i>Metarhizium anisopliae</i> sensu lato 8347
510 <i>Metarhizium anisopliae</i> sensu lato 4568	H-10 <i>Hirsutella</i> sp. 2992	KTU-16 <i>Isaria fumosorosea</i> 8348
511 <i>Metarhizium anisopliae</i> sensu lato 4778	H-11 <i>Hirsutella</i> sp. 2650	KTU-17 <i>Beauveria bassiana</i> 8349
512 <i>Metarhizium anisopliae</i> sensu lato 4779	H-11 <i>Hirsutella guyana</i> 2993	KTU-18 <i>Metarhizium anisopliae</i> sensu lato 8350
513 <i>Metarhizium anisopliae</i> sensu lato 4780	deBarjac, H. 1 <i>Candida</i> sp. 1924	KTU-19 <i>Metarhizium anisopliae</i> sensu lato 8351
514 <i>Metarhizium majus</i> 4566	4 <i>Candida</i> sp. 1925	KTU-2 <i>Metarhizium anisopliae</i> sensu lato 8334
515 <i>Metarhizium majus</i> 4601	5 <i>Candida</i> sp. 1926	KTU-20 <i>Metarhizium anisopliae</i> sensu lato 8352
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7 <i>Beauveria bassiana</i> 4130	L 13 <i>Neozygites floridana</i> (?) 6221	KTU-23 <i>Beauveria bassiana</i> 8355
71 <i>Metarhizium anisopliae</i> sensu lato 4623	Demirbag, Zihni As1 <i>Metarhizium</i> sp. 11668	KTU-24 <i>Beauveria bassiana</i> 8356
73 <i>Metarhizium anisopliae</i> sensu lato 4253	As10 <i>Fusarium</i> sp. 11677	KTU-25 <i>Beauveria bassiana</i> 8431
74 <i>Metarhizium anisopliae</i> sensu lato 4717	As11 <i>Clonostachys rosea</i> 11678	KTU-26 <i>Metarhizium anisopliae</i> sensu lato 8432
77 <i>Metarhizium anisopliae</i> sensu lato 4249	As12 <i>Fusarium</i> sp. 11679	KTU-27 <i>Metarhizium anisopliae</i> sensu lato 8433
78 <i>Penicillium</i> sp. 4144	As13 <i>Fusarium</i> sp. 11680	KTU-28 <i>Metarhizium anisopliae</i> sensu lato 8434
79 <i>Metarhizium anisopliae</i> sensu lato 4614	As14 <i>Penicillium</i> sp. 11681	KTU-29 <i>Metarhizium anisopliae</i> sensu lato 8435
80 <i>Metarhizium anisopliae</i> sensu lato 4649	As15 <i>Clonostachys rosea</i> 11682	KTU-3 <i>Metarhizium anisopliae</i> sensu lato 8335
81 Mixed Culture sp. 4145	As16 <i>Penicillium</i> sp. 11683	KTU-30 <i>Metarhizium anisopliae</i> sensu lato 8436
84 <i>Beauveria bassiana</i> 4616	As17 <i>Fusarium</i> sp. 11684	KTU-31 <i>Metarhizium anisopliae</i> sensu lato 8437
85 <i>Beauveria pseudobassiana</i> 4297	As18 <i>Metarhizium</i> sp. 11685	KTU-32 <i>Metarhizium anisopliae</i> sensu lato 8438
86 <i>Penicillium</i> sp. 4146	As19 <i>Metarhizium</i> sp. 11686	KTU-33 <i>Evlachovaea</i> sp. 8439
87 Unidentified sp. 4147	As2 <i>Metarhizium</i> sp. 11669	KTU-34 <i>Metarhizium anisopliae</i> sensu lato 8440
88 <i>Metarhizium anisopliae</i> sensu lato 4283	As20 <i>Clonostachys rosea</i> 11687	KTU-35 <i>Evlachovaea</i> sp. 8441
9 <i>Beauveria pseudobassiana</i> 4273	As3 <i>Fusarium</i> sp. 11670	KTU-36 <i>Evlachovaea</i> sp. 8442
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94 <i>Metarhizium anisopliae</i> sensu lato 4278	As6 <i>Fusarium</i> sp. 11673	KTU-39 <i>Metarhizium anisopliae</i> sensu lato 8445
95 <i>Beauveria pseudobassiana</i> 4612	As7 <i>Fusarium</i> sp. 11674	KTU-4 <i>Metarhizium anisopliae</i> sensu lato 8336
	As8 <i>Fusarium</i> sp. 11675	KTU-40 <i>Metarhizium anisopliae</i> sensu lato 8446
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	Gg11 <i>Myriodontium keratinophilum</i> 11698	
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Emmons, C.W.*

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 101 *Isaria fumosorosea* 1568  
 103 *Beauveria bassiana* 1564  
 104 *Isaria fumosorosea* 1577  
 107 *Isaria fumosorosea* 1569  
 108 *Isaria fumosorosea* 1578  
 109 *Beauveria pseudobassiana* 1565  
 110 *Isaria fumosorosea* 1579  
 17 *Beauveria bassiana* 1105  
 25 *Beauveria bassiana* 1106  
 26 *Beauveria bassiana* 1107  
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 29 *Lecanicillium lecanii*(?) 1109  
 31 *Beauveria bassiana* 1110  
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 41 *Beauveria bassiana* 1117
- 45 *Beauveria bassiana* 1118  
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 6 *Lecanicillium muscarium* 1102  
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ETHZ 110 <i>Pandora neoaphidis</i> 7937	1204 <i>Colletotrichum fioriniae</i> 10219	1607 <i>Metarhizium anisopliae</i> sensu lato 9307
ETHZ 115 <i>Pandora neoaphidis</i> 7939	1211 <i>Colletotrichum fioriniae</i> 10220	1608 <i>Metarhizium anisopliae</i> sensu lato 9308
<b>Entz, Susan</b>	1214 <i>Colletotrichum fioriniae</i> 10221	1609 <i>Metarhizium anisopliae</i> sensu lato 9309
20W-5 <i>Metarhizium anisopliae</i> sensu lato 8212	1257 <i>Colletotrichum fioriniae</i> 10222	1610 <i>Metarhizium anisopliae</i> sensu lato 9310
FM06-2B <i>Beauveria bassiana</i> 8213	1260 <i>Colletotrichum fioriniae</i> 10223	1611 <i>Metarhizium anisopliae</i> sensu lato 9311
<b>EPABA</b>	1349 <i>Metarhiziopsis microspora</i> 8984	1612 <i>Metarhizium anisopliae</i> sensu lato 9312
1141(29v) <i>Metarhizium anisopliae</i> sensu stricto 1912	1350 <i>Metarhiziopsis microspora</i> 8985	1613 <i>Metarhizium anisopliae</i> sensu lato 9313
A-10 <i>Metarhizium anisopliae</i> sensu lato 1382	1352 <i>Lecanicillium</i> sp. 9175	1614 <i>Metarhizium anisopliae</i> sensu lato 9314
A-12 <i>Metarhizium anisopliae</i> sensu lato 1379	1353 <i>Lecanicillium</i> sp. 9176	1615 <i>Metarhizium anisopliae</i> sensu lato 9315
A-18 (BAMC) <i>Metarhizium anisopliae</i> sensu lato 1898	143 <i>Isaria</i> sp. 11630	1616 <i>Metarhizium anisopliae</i> sensu lato 9316
A-19 (BAMC) <i>Metarhizium anisopliae</i> sensu stricto 1900	148 <i>Isaria farinosa</i> 5776	1617 <i>Metarhizium anisopliae</i> sensu lato 9317
A-2 <i>Metarhizium anisopliae</i> sensu lato 1911	1497 <i>Metarhiziopsis microspora</i> 8986	1618 <i>Metarhizium anisopliae</i> sensu lato 9318
A-23 <i>Metarhizium anisopliae</i> sensu lato 1899	1499 <i>Metarhiziopsis microspora</i> 8987	1619 <i>Metarhizium anisopliae</i> sensu lato 9319
A-24 <i>Metarhizium anisopliae</i> sensu stricto 1045	1502 <i>Metarhiziopsis microspora</i> 8988	1620 <i>Metarhizium anisopliae</i> sensu lato 9320
A-24 <i>Metarhizium anisopliae</i> sensu lato 1299	1533 <i>Myriangium duriae</i> 8924	1621 <i>Metarhizium anisopliae</i> sensu lato 9321
A-4 <i>Metarhizium anisopliae</i> sensu stricto 1894	1537 <i>Hirsutella lecaniicola</i> 8888	1622 <i>Metarhizium anisopliae</i> sensu lato 9322
A-8(BAMC) <i>Metarhizium anisopliae</i> sensu lato 1896	1538 <i>Myriangium duriae</i> 8925	1623 <i>Metarhizium anisopliae</i> sensu lato 9323
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96-1 <i>Fusarium</i> sp. 5727	1564 <i>Lecanicillium</i> sp. 9177	1628 <i>Metarhizium anisopliae</i> sensu lato 9328
97-1 <i>Fusarium</i> sp. 5728	1578 <i>Beauveria bassiana</i> 9297	1629 <i>Metarhizium anisopliae</i> sensu lato 9329
Belen-1 <i>Aspergillus niger</i> 5721	1579 <i>Metarhizium anisopliae</i> sensu lato 9279	1630 <i>Metarhizium anisopliae</i> sensu lato 9330
Hursit Dagi-1 <i>Beauveria bassiana</i> 5725	1580 <i>Metarhizium anisopliae</i> sensu lato 9280	1631 <i>Metarhizium anisopliae</i> sensu lato 9331
Karadag-1 <i>Aspergillus ochraceus</i> 5722	1581 <i>Metarhizium anisopliae</i> sensu lato 9281	1632 <i>Metarhizium anisopliae</i> sensu lato 9332
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1040 <i>Beauveria bassiana</i> 9345	1586 <i>Metarhizium anisopliae</i> sensu lato 9286	1637 <i>Beauveria</i> sp. 9337
1041 <i>Beauveria bassiana</i> 9346	1587 <i>Metarhizium anisopliae</i> sensu lato 9287	1638 <i>Beauveria</i> sp. 9338
1042 <i>Beauveria bassiana</i> 9347	1588 <i>Metarhizium anisopliae</i> sensu lato 9288	1639 <i>Beauveria</i> sp. 9339
1043 <i>Beauveria bassiana</i> 9348	1589 <i>Beauveria bassiana</i> 9289	1640 <i>Beauveria</i> sp. 9340
1044 <i>Beauveria bassiana</i> 9349	1590 <i>Beauveria bassiana</i> 9290	1641 <i>Beauveria</i> sp. 9341
1046 <i>Beauveria bassiana</i> 9350	1591 <i>Beauveria bassiana</i> 9291	1642 <i>Beauveria</i> sp. 9342
1047 <i>Beauveria bassiana</i> 9351	1592 <i>Isaria farinosa</i> 9292	1643 <i>Beauveria</i> sp. 9343
1048 <i>Beauveria bassiana</i> 9352	1593 <i>Isaria farinosa</i> 9293	1644 <i>Beauveria</i> sp. 9344
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1052 <i>Metarhizium anisopliae</i> sensu lato 9439	1596 <i>Metarhizium anisopliae</i> sensu lato 9303	
1053 <i>Metarhizium anisopliae</i> 9354	1597 <i>Metarhizium anisopliae</i> sensu lato 9304	
1054 <i>Metarhizium anisopliae</i> sensu lato 9590	1598 <i>Metarhizium anisopliae</i> sensu lato 9305	
1055 <i>Metarhizium anisopliae</i> sensu lato 9591	1599 <i>Metarhizium anisopliae</i> sensu lato 9306	
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	1601 <i>Conidiobolus coronatus</i> 9296	
	1602 <i>Beauveria bassiana</i> 9298	
	1603 <i>Beauveria bassiana</i> 9299	
	1604 <i>Beauveria bassiana</i> 9300	
	1605 <i>Beauveria bassiana</i> 9301	

1645 <i>Myrothecium verrucaria</i> 9359	1723 <i>Metarhizium anisopliae</i> sensu lato 9939	1804 <i>Beauveria bassiana</i> 10144
1646 <i>Eurotiomycetes</i> , genus undetermined 9360	1724 <i>Isaria farinosa</i> (?) 9567	1805 <i>Beauveria bassiana</i> 10145
1650 <i>Eurotiomycetes</i> , genus undetermined 9361	1725 <i>Isaria farinosa</i> (?) 9568	1806 <i>Tolypocladium cylindrosporum</i> 10146
1650 <i>Beauveria bassiana</i> 9589	1726 <i>Isaria farinosa</i> (?) 9569	1807 <i>Beauveria bassiana</i> 10147
1652 <i>Exophiala</i> sp. 9362	1727 <i>Isaria farinosa</i> (?) 9570	1808 <i>Beauveria bassiana</i> 10148
1655 <i>Tripospermum</i> sp. 9363	1728 <i>Isaria farinosa</i> (?) 9571	1809 <i>Beauveria bassiana</i> 10149
1659 Unidentified / Hyphomycetes 9364	1729 <i>Isaria farinosa</i> (?) 9572	1810 <i>Mariannaea</i> sp. 10150
1665 <i>Rhinocladiella</i> (?) sp. 9365	1730 <i>Isaria farinosa</i> (?) 9573	1811 <i>Mariannaea</i> sp. 10151
1666 Unidentified / Hyphomycetes 9366	1731 <i>Isaria farinosa</i> 9574	1812 <i>Mariannaea</i> sp. 10152
1667 <i>Doratomycetes</i> (?) sp. 9367	1732 <i>Isaria farinosa</i> 9575	1813 <i>Mariannaea</i> sp. 10153
1668 <i>Acremonium</i> (?) sp. 9368	1733 <i>Isaria farinosa</i> 9576	1814 <i>Lecanicillium</i> sp. 10154
1669 <i>Lecanicillium</i> (?) sp. 9369	1734 <i>Isaria farinosa</i> 9577	1815 <i>Isaria farinosa</i> 10155
1670 <i>Beauveria bassiana</i> 9370	1735 <i>Isaria farinosa</i> 9578	1816 <i>Isaria farinosa</i> 10156
1671 <i>Beauveria bassiana</i> 9388	1736 <i>Isaria farinosa</i> 9579	1817 <i>Isaria farinosa</i> 10157
1672 <i>Beauveria bassiana</i> 9389	1737 <i>Isaria farinosa</i> 9580	1818 <i>Isaria farinosa</i> 10158
1673 <i>Beauveria bassiana</i> 9390	1738 <i>Isaria farinosa</i> (?) 9581	1819 <i>Isaria farinosa</i> 10159
1674 <i>Beauveria bassiana</i> 9391	1739 <i>Isaria fumosorosea</i> 9582	1820 <i>Isaria farinosa</i> 10160
1675 <i>Beauveria bassiana</i> 9392	1740 <i>Isaria fumosorosea</i> 9583	1821 <i>Isaria farinosa</i> 10161
1676 <i>Beauveria bassiana</i> 9393	1741 <i>Isaria fumosorosea</i> 9584	1822 <i>Isaria</i> sp. 10162
1677 <i>Beauveria bassiana</i> 9394	1742 <i>Isaria fumosorosea</i> 9585	1823 <i>Isaria coleopterorum</i> 10163
1678 <i>Beauveria bassiana</i> 9395	1743 <i>Isaria fumosorosea</i> 9586	1824 <i>Lecanicillium</i> sp. 10164
1679 <i>Beauveria bassiana</i> 9396	1744 <i>Beauveria bassiana</i> 9587	1825 <i>Isaria farinosa</i> 10165
1680 <i>Beauveria bassiana</i> 9397	1745 <i>Beauveria bassiana</i> 9588	1828 <i>Acremonium bactrocephalum</i> 10166
1681 <i>Beauveria bassiana</i> 9398	1746 <i>Conidiobolus coronatus</i> 9913	1829 <i>Acremonium bactrocephalum</i> 10167
1682 <i>Beauveria bassiana</i> 9399	1747 <i>Conidiobolus coronatus</i> 9914	1830 <i>Acremonium bactrocephalum</i> 10168
1683 <i>Beauveria bassiana</i> 9400	1748 <i>Myriangium</i> sp. 9915	1831 <i>Acremonium bactrocephalum</i> 10169
1684 <i>Beauveria bassiana</i> 9401	1749 <i>Myriangium</i> sp. 9916	1842 <i>Lecanicillium psalliotae</i> 10170
1685 <i>Beauveria bassiana</i> 9402	1750 <i>Myriangium</i> sp. 9917	1847 Unidentified / Hyphomycetes 10171
1686 <i>Beauveria bassiana</i> 9403	1751 <i>Myriangium</i> sp. 9918	1849 <i>Lecanicillium wallacei</i> (?) 10172
1687 <i>Beauveria bassiana</i> 9404	1752 <i>Myriangium</i> sp. 9919	1851 <i>Lecanicillium muscarium</i> 10173
1688 <i>Beauveria bassiana</i> 9405	1755 <i>Phoma</i> sp. 9920	1852 <i>Lecanicillium wallacei</i> (?) 10174
1689 <i>Beauveria bassiana</i> 9406	1756 Unidentified sp. 9921	1854 <i>Lecanicillium psalliotae</i> 10175
1690 <i>Beauveria bassiana</i> 9407	1763 <i>Rhinocladiella</i> (?) sp. 9922	1855 <i>Lecanicillium psalliotae</i> 10176
1691 <i>Beauveria bassiana</i> 9408	1765 <i>Phoma</i> sp. 9923	1856 <i>Lecanicillium psalliotae</i> 10177
1692 <i>Beauveria bassiana</i> 9409	1768 <i>Lecanicillium</i> sp. 9924	1857 <i>Lecanicillium muscarium</i> 10178
1693 <i>Beauveria bassiana</i> 9410	1769 <i>Lecanicillium</i> sp. 9925	1858 <i>Lecanicillium psalliotae</i> 10179
1694 <i>Beauveria bassiana</i> 9411	1770 <i>Lecanicillium</i> sp. 9926	1859 <i>Lecanicillium psalliotae</i> 10180
1695 <i>Beauveria bassiana</i> 9412	1771 <i>Beauveria bassiana</i> 9927	1860 <i>Lecanicillium psalliotae</i> 10181
1696 <i>Beauveria bassiana</i> 9413	1772 <i>Paecilomyces marquandii</i> 9928	1861 <i>Lecanicillium psalliotae</i> 10182
1697 <i>Beauveria bassiana</i> 9414	1773 <i>Paecilomyces marquandii</i> 9929	1862 <i>Lecanicillium psalliotae</i> (?) 10183
1698 <i>Beauveria bassiana</i> 9415	1774 <i>Lecanicillium</i> sp. 9930	1863 <i>Lecanicillium fusisporum</i> (?) 10184
1699 <i>Beauveria bassiana</i> 9416	1775 <i>Lecanicillium</i> sp. 9931	1864 <i>Mariannaea</i> sp. 10185
1700 <i>Beauveria bassiana</i> 9417	1776 <i>Mariannaea</i> sp. 9932	1865 <i>Lecanicillium</i> sp. 10187
1701 <i>Beauveria bassiana</i> 9418	1777 <i>Mariannaea</i> sp. 9933	1866 <i>Lecanicillium</i> sp. 10188
1702 <i>Beauveria bassiana</i> 9419	1778 <i>Mariannaea</i> sp. 9934	1867 <i>Lecanicillium</i> sp. 10189
1703 <i>Beauveria bassiana</i> 9420	1779 <i>Lecanicillium</i> sp. 9935	1868 <i>Lecanicillium</i> sp. 10190
1704 <i>Beauveria bassiana</i> 9421	1780 <i>Lecanicillium</i> sp. 9936	1869 Unidentified / Hyphomycetes 10191
1705 <i>Beauveria bassiana</i> 9422	1782 <i>Fusarium</i> sp. 9937	1870 <i>Lecanicillium</i> sp. 10192
1706 <i>Beauveria bassiana</i> 9423	1785 <i>Trichoderma</i> sp. 9938	1871 <i>Lecanicillium</i> sp. 10193
1707 <i>Beauveria bassiana</i> 9424	1788/1c <i>Conidiobolus</i> sp. 11650	1872 <i>Mariannaea</i> sp. 10194
1708 <i>Beauveria bassiana</i> 9425	1790 <i>Tilachlidium</i> sp. 10132	1873 <i>Lecanicillium</i> sp. 10195
1709 <i>Beauveria bassiana</i> 9426	1793 <i>Hirsutella homalodiscae</i> (?) 10133	1874 <i>Lecanicillium</i> sp. 10196
1710 <i>Beauveria bassiana</i> 9427	1794 <i>Hirsutella homalodiscae</i> (?) 10134	1875 <i>Lecanicillium</i> sp. 10197
1711 <i>Beauveria bassiana</i> 9428	1795 <i>Metarhizium anisopliae</i> sensu lato 10135	1876 <i>Lecanicillium</i> sp. 10198
1712 <i>Beauveria bassiana</i> 9429	1796 <i>Metarhizium anisopliae</i> sensu lato 10136	1877 <i>Lecanicillium</i> sp. 10199
1713 <i>Beauveria bassiana</i> 9430	1797 <i>Metarhizium anisopliae</i> sensu lato 10137	1878 <i>Lecanicillium</i> sp. 10200
1714 <i>Beauveria bassiana</i> 9431	1798 <i>Beauveria bassiana</i> 10138	1879 <i>Lecanicillium</i> sp. 10201
1715 <i>Beauveria bassiana</i> 9432	1799 <i>Beauveria bassiana</i> 10139	1880 <i>Lecanicillium</i> sp. 10202
1716 <i>Beauveria bassiana</i> 9433	1800 <i>Beauveria bassiana</i> 10140	1881 <i>Lecanicillium</i> sp. 10203
1717 <i>Beauveria bassiana</i> 9434	1801 <i>Beauveria bassiana</i> 10141	1882 <i>Mariannaea</i> sp. 10204
1718 <i>Beauveria bassiana</i> 9435	1802 <i>Beauveria bassiana</i> 10142	1883 <i>Mariannaea</i> sp. 10205
1719 <i>Beauveria bassiana</i> 9436	1803 <i>Beauveria bassiana</i> 10143	1884 <i>Lecanicillium</i> sp. 10206
1720 <i>Beauveria bassiana</i> 9437		1885 <i>Lecanicillium</i> sp. 10207
1721 <i>Beauveria bassiana</i> 9438		

1886 <i>Lecanicillium</i> sp. 10208	1960 Unidentified / Hyphomycetes	2043 <i>Isaria farinosa</i> 11831
1887 <i>Lecanicillium</i> sp. 10209	10387	2044 <i>Isaria farinosa</i> 11832
1888 <i>Lecanicillium</i> sp. 10210	1961 <i>Fusarium</i> sp. 10388	2045 <i>Isaria farinosa</i> 11833
1889 <i>Lecanicillium</i> sp. 10211	1962 <i>Fusarium</i> sp. 10389	2046 <i>Isaria farinosa</i> 11834
189 Beauveria bassiana 10348	1963 <i>Fusarium</i> sp. 10390	2047 <i>Isaria farinosa</i> 11835
1890 <i>Lecanicillium</i> sp. 10212	1964 <i>Fusarium</i> sp. 10391	2048 <i>Paecilomyces carneus</i> 11836
1891 <i>Lecanicillium</i> sp. 10213	1965 Unidentified / Hyphomycetes	2049 <i>Lecanicillium evansii(?)</i> 11791
1892 <i>Lecanicillium</i> sp. 10214	10392	205 <i>Metarhizium anisopliae</i> sensu lato
1893 <i>Lecanicillium</i> sp. 10215	1966 <i>Fusarium</i> sp. 11655	8779
1894 <i>Lecanicillium</i> sp. 10216	1970 <i>Pandora</i> sp. 11764	2050 <i>Lecanicillium evansii(?)</i> 11792
1895 <i>Lecanicillium</i> sp. 10217	1972 <i>Metarhizium anisopliae</i> sensu lato	2051 <i>Lecanicillium evansii(?)</i> 11793
1896 <i>Lecanicillium</i> sp. 10218	11742	2052 <i>Lecanicillium evansii(?)</i> 11794
1897 <i>Isaria</i> sp. 10231	1973 <i>Beauveria</i> sp. 11743	2053 <i>Lecanicillium evansii(?)</i> 11795
1898 <i>Isaria</i> sp. 10232	1974 <i>Beauveria</i> sp. 11744	2054 <i>Lecanicillium evansii(?)</i> 11796
1899 <i>Isaria</i> sp. 10233	1975 <i>Beauveria</i> sp. 11745	2055 <i>Lecanicillium evansii(?)</i> 11797
190 Beauveria bassiana 10349	1976 <i>Beauveria</i> sp. 11746	2056 <i>Lecanicillium</i> sp. 11798
1922 Unidentified / Hyphomycetes	1977 <i>Beauveria</i> sp. 11747	2057 <i>Lecanicillium</i> nr. <i>araneearum</i> 11799
10281	1978 <i>Lecanicillium</i> sp. 11748	2058 <i>Pochonia bulbillosa</i> 11800
1927 Unidentified / Hyphomycetes	1983 <i>Purpureocillium lilacinum</i> 11749	2059 <i>Pochonia chlamydosporia</i> var.
10282	1984 <i>Purpureocillium lilacinum</i> 11750	<i>chlamydosporia</i> 11801
1928 Unidentified / Hyphomycetes	1985 <i>Purpureocillium lilacinum</i> 11751	206 <i>Metarhizium anisopliae</i> sensu lato
10283	200 <i>Metarhizium anisopliae</i> sensu lato	8780
1929 Unidentified / Hyphomycetes	8941	2060 <i>Lecanicillium muscarium</i> 11802
10284	2001 Unidentified / Hyphomycetes	2061 <i>Lecanicillium muscarium</i> 11803
1930 Unidentified / Hyphomycetes	11752	2062 <i>Lecanicillium evansii(?)</i> 11804
10285	2008 <i>Isaria</i> sp. 11753	2063 <i>Lecanicillium evansii(?)</i> 11805
1931 Unidentified / Hyphomycetes	2009 <i>Lecanicillium evansii(?)</i> 11785	2064 <i>Lecanicillium evansii(?)</i> 11806
10286	201 <i>Metarhizium anisopliae</i> sensu lato	2065 <i>Lecanicillium evansii(?)</i> 11807
1932 <i>Lecanicillium</i> sp. 10287	8942	2068 <i>Lecanicillium fusisporum</i> 11808
1933 <i>Lecanicillium</i> sp. 10288	2010 <i>Pochonia chlamydosporia</i> var.	2069 <i>Lecanicillium evansii(?)</i> 11809
1934 <i>Lecanicillium</i> sp. 10289	<i>chlamydosporia</i> 11786	207 <i>Metarhizium anisopliae</i> sensu lato
1935 <i>Lecanicillium</i> sp. 10290	2011 <i>Lecanicillium fusisporum</i> 11787	8943
1936 <i>Lecanicillium</i> sp. 10291	2013 <i>Evlachovaea</i> sp. 11788	2070 <i>Pochonia chlamydosporia</i> var.
1937 Unidentified / Hyphomycetes	2014 <i>Lecanicillium evansii(?)</i> 11789	<i>chlamydosporia</i> 11810
10292	2015 <i>Fusarium</i> sp. 11790	2071 <i>Lecanicillium</i> nr. <i>araneearum</i> 11811
1938 Unidentified / Hyphomycetes	2018 <i>Paecilomyces carneus</i> 11821	2072 <i>Mariannaea</i> sp. 11812
10293	2019 <i>Isaria farinosa</i> 11822	2073 <i>Mariannaea</i> sp. 11813
1939 <i>Lecanicillium</i> sp. 10294	2020 <i>Metarhizium</i> sp. 11839	2074 <i>Mariannaea</i> sp. 11814
194 Metarhizium anisopliae sensu lato	2021 <i>Metarhizium anisopliae</i> sensu lato	2078 <i>Conidiobolus</i> sp. 11763
8775	11840	2079 <i>Myriodontium keratinophilum</i>
1940 <i>Lecanicillium</i> sp. 10295	2022 <i>Beauveria bassiana</i> 11841	11837
1941 <i>Lecanicillium</i> sp. 10296	2023 <i>Metarhiziopsis microspora</i> 11842	2080 <i>Lecanicillium lecanii(?)</i> 11815
1942 <i>Lecanicillium</i> sp. 10297	2024 <i>Metarhiziopsis microspora</i> 11843	2081 <i>Myriodontium keratinophilum</i>
1943 <i>Lecanicillium</i> sp. 10298	2025 <i>Beauveria bassiana</i> 11844	11838
1944 <i>Lecanicillium</i> sp. 10299	2026 <i>Beauveria bassiana</i> 11845	2082 <i>Lecanicillium muscarium(?)</i> 11816
1945 <i>Lecanicillium</i> sp. 10300	2027 <i>Beauveria bassiana</i> 11846	2083 <i>Lecanicillium lecanii</i> 11817
1946 <i>Lecanicillium</i> sp. 10301	2028 <i>Beauveria bassiana</i> 11847	2084 <i>Lecanicillium muscarium</i> 11818
1947 <i>Lecanicillium</i> sp. 10302	2029 <i>Beauveria bassiana</i> 11848	2085 <i>Myriangium</i> sp. 11852
1948 <i>Lecanicillium</i> sp. 10303	203 <i>Metarhizium anisopliae</i> sensu lato	2086 <i>Myriangium</i> sp. 11853
1949 <i>Lecanicillium</i> sp. 10304	8777	2087 <i>Myriangium</i> sp. 11854
195 Metarhizium anisopliae sensu lato	2030 <i>Metarhizium</i> sp. 11849	2088 <i>Myriangium</i> sp. 11855
8776	2031 <i>Metarhizium anisopliae</i> sensu lato	2089 <i>Myriangium</i> sp. 11856
1950 <i>Lecanicillium</i> sp. 10305	11850	209 <i>Metarhizium anisopliae</i> sensu lato
1951 <i>Lecanicillium</i> sp. 10306	2032 <i>Metarhiziopsis microspora</i> 11851	8781
1952 Unidentified / Hyphomycetes	2033 <i>Hirsutella thompsonii</i> 11819	2090 <i>Myriangium</i> sp. 11857
10307	2034 <i>Hirsutella rhossiliensis</i> 11820	2091 <i>Myriangium</i> sp. 11858
1953 <i>Colletotrichum</i> sp. 10308	2035 <i>Isaria farinosa</i> 11823	210 <i>Metarhizium anisopliae</i> sensu lato
1954 <i>Scopulariopsis</i> sp. 10309	2036 <i>Isaria farinosa</i> 11824	8944
1955 <i>Scopulariopsis</i> sp. 10310	2037 <i>Isaria farinosa</i> 11825	2102 <i>Beauveria bassiana</i> 12023
1956 <i>Fusarium</i> sp. 10311	2038 <i>Isaria farinosa</i> 11826	2103 <i>Beauveria bassiana</i> 12024
1957 <i>Fusarium</i> sp. 10312	2039 <i>Isaria farinosa</i> 11827	2104 <i>Beauveria bassiana</i> 12025
1958 <i>Fusarium</i> sp. 10313	204 <i>Metarhizium anisopliae</i> sensu lato	2105 <i>Beauveria bassiana</i> 12026
1959 Unidentified / Hyphomycetes	8778	2106 Unidentified / Hyphomycetes
10386	2040 <i>Isaria farinosa</i> 11828	12027
196 <i>Purpureocillium lilacinum</i> 8918	2041 <i>Isaria farinosa</i> 11829	2107 Unidentified / Hyphomycetes
	2042 <i>Isaria farinosa</i> 11830	12028

2108 Unidentified / Hyphomycetes 12029	2164 <i>Fusarium</i> sp. 12077	246 <i>Metarhizium anisopliae</i> sensu lato 8894
2109 Unidentified / Hyphomycetes 12030	2165 <i>Fusarium</i> sp. 12078	247 <i>Metarhizium anisopliae</i> sensu lato 8895
211 <i>Metarhizium anisopliae</i> sensu lato 8782	2166 <i>Fusarium</i> sp. 12079	248 <i>Metarhizium anisopliae</i> sensu lato 8896
2110 Unidentified / Hyphomycetes 12031	2167 <i>Rhinocladiella</i> (?) sp. 12080	249 <i>Metarhizium anisopliae</i> sensu lato 8897
2111 <i>Fusarium</i> sp. 12032	2168 <i>Rhinocladiella</i> (?) sp. 12081	251 <i>Metarhizium anisopliae</i> sensu lato 8898
2112 <i>Fusarium</i> sp. 12033	2169 <i>Rhinocladiella</i> (?) sp. 12082	253 <i>Isaria farinosa</i> 8917
2113 <i>Fusarium</i> sp. 12034	217 <i>Metarhizium anisopliae</i> sensu lato 8946	254 <i>Metarhizium anisopliae</i> sensu lato 8899
2114 <i>Fusarium</i> sp. 12035	2170 <i>Colletotrichum</i> sp. 12083	256 <i>Metarhizium anisopliae</i> sensu lato 8900
2115 <i>Fusarium</i> sp. 12036	2171 <i>Fusarium</i> sp. 12084	258 <i>Metarhizium anisopliae</i> sensu lato 8901
2116 <i>Fusarium</i> sp. 12037	2172 Unidentified / Hyphomycetes 12085	259 <i>Metarhizium anisopliae</i> sensu lato 8902
2117 <i>Fusarium</i> sp. 12038	2173 Unidentified / Hyphomycetes 12086	260 <i>Metarhizium anisopliae</i> sensu lato 8949
2118 <i>Fusarium</i> sp. 12039	2174 Unidentified / Hyphomycetes 12087	264 <i>Scopulariopsis</i> sp. 11652
2119 <i>Fusarium</i> sp. 12040	2175 Unidentified / Hyphomycetes 12088	265 <i>Metarhizium anisopliae</i> sensu lato 8903
212 <i>Metarhizium anisopliae</i> sensu lato 8945	2176 <i>Lecanicillium</i> sp. 12089	267 <i>Purpureocillium lilacinum</i> 8920
2121 Unidentified / Hyphomycetes 12041	2177 Unidentified / Hyphomycetes 12090	268 <i>Purpureocillium lilacinum</i> 8921
2122 Unidentified / Hyphomycetes 12042	218 <i>Metarhizium anisopliae</i> sensu lato 8785	270 <i>Metarhizium anisopliae</i> sensu lato 8904
2124 Unidentified / Hyphomycetes 12043	220 <i>Metarhizium anisopliae</i> sensu lato 8786	273 <i>Metarhizium anisopliae</i> sensu lato 8905
2125 Unidentified / Hyphomycetes 12044	221 <i>Metarhizium anisopliae</i> sensu lato 8787	276 <i>Metarhizium anisopliae</i> sensu lato 9235
2126 Unidentified / Hyphomycetes 12045	222 <i>Metarhizium anisopliae</i> sensu lato 8788	277 <i>Metarhizium anisopliae</i> sensu lato 8906
2129 <i>Cladosporium</i> sp. 12046	223 <i>Metarhizium anisopliae</i> sensu lato 8789	280 <i>Purpureocillium lilacinum</i> 8922
213 <i>Purpureocillium lilacinum</i> 8919	224 <i>Metarhizium anisopliae</i> sensu lato 8790	281 <i>Lecanicillium muscarium</i> 8923
2132 Unidentified / Hyphomycetes 12047	225 <i>Metarhizium anisopliae</i> sensu lato 8791	283 <i>Metarhizium anisopliae</i> sensu lato 8907
2133 <i>Penicillium</i> sp. 12048	227 <i>Metarhizium anisopliae</i> sensu lato 8792	284 <i>Metarhizium anisopliae</i> sensu lato 8908
2134 <i>Penicillium</i> sp. 12049	228 <i>Metarhizium anisopliae</i> sensu lato 8793	285 <i>Metarhizium anisopliae</i> sensu lato 8950
2136 <i>Aspergillus</i> sp. 12050	229 <i>Metarhizium anisopliae</i> sensu lato 8794	286 <i>Metarhizium anisopliae</i> sensu lato 8909
2137 <i>Aspergillus</i> sp. 12051	230 <i>Metarhizium anisopliae</i> sensu lato 8858	287 <i>Metarhizium anisopliae</i> sensu lato 8910
2139 <i>Lecanicillium</i> sp. 12052	231 <i>Metarhizium anisopliae</i> sensu lato 8859	288 <i>Metarhizium anisopliae</i> sensu lato 8911
2140 <i>Lecanicillium</i> sp. 12053	232 <i>Metarhizium anisopliae</i> sensu lato 8947	324 <i>Verticillium lecanii</i> 5786
2141 <i>Lecanicillium</i> sp. 12054	233 <i>Metarhizium anisopliae</i> sensu lato 8948	327 <i>Beauveria bassiana</i> 10350
2142 <i>Lecanicillium</i> sp. 12055	234 <i>Metarhizium anisopliae</i> sensu lato 8860	328 <i>Metarhizium anisopliae</i> sensu lato 9236
2143 <i>Lecanicillium</i> sp. 12056	235 <i>Metarhizium anisopliae</i> sensu lato 8861	329 <i>Metarhizium anisopliae</i> sensu lato 8795
2144 <i>Lecanicillium</i> sp. 12057	236 <i>Metarhizium anisopliae</i> sensu lato 8862	329 <i>Metarhizium anisopliae</i> sensu lato 8951
2145 <i>Lecanicillium</i> sp. 12058	237 <i>Metarhizium anisopliae</i> sensu lato 8863	330 <i>Metarhizium anisopliae</i> sensu lato 8796
2146 <i>Lecanicillium</i> sp. 12059	238 <i>Metarhizium anisopliae</i> sensu lato 8864	331 <i>Metarhizium anisopliae</i> sensu lato 8797
2147 <i>Lecanicillium</i> sp. 12060	239 <i>Metarhizium anisopliae</i> sensu lato 8865	333 <i>Metarhizium anisopliae</i> sensu lato 8798
2148 <i>Lecanicillium</i> sp. 12061	240 <i>Metarhizium anisopliae</i> sensu lato 8866	334 <i>Metarhizium anisopliae</i> sensu lato 8799
2149 <i>Lecanicillium</i> sp. 12062	241 <i>Metarhizium anisopliae</i> sensu lato 8867	335 <i>Metarhizium anisopliae</i> sensu lato 8952
215 <i>Metarhizium anisopliae</i> sensu lato 8783		
2150 <i>Lecanicillium</i> sp. 12063		
2151 <i>Lecanicillium</i> sp. 12064		
2152 <i>Lecanicillium</i> sp. 12065		
2153 <i>Lecanicillium</i> sp. 12066		
2154 <i>Lecanicillium</i> sp. 12067		
2155 <i>Lecanicillium</i> sp. 12068		
2156 <i>Lecanicillium</i> sp. 12069		
2157 <i>Lecanicillium</i> sp. 12070		
2158 <i>Lecanicillium</i> sp. 12071		
2159 <i>Fusarium</i> sp. 12072		
216 <i>Metarhizium anisopliae</i> sensu lato 8784		
2160 <i>Fusarium</i> sp. 12073		
2161 <i>Fusarium</i> sp. 12074		
2162 <i>Fusarium</i> sp. 12075		
2163 <i>Fusarium</i> sp. 12076		

336 <i>Metarhizium anisopliae</i> sensu lato	400 <i>Isaria</i> sp. 10373	627 <i>Lecanicillium</i> sp. 11638
8953	401 <i>Isaria</i> sp. 10374	63 <i>Beauveria bassiana</i> 11617
337 <i>Metarhizium anisopliae</i> sensu lato	402 <i>Isaria</i> sp. 10375	650 <i>Beauveria bassiana</i> 8958
8868	403 <i>Isaria</i> sp. 10376	651 <i>Beauveria bassiana</i> 8959
338 <i>Metarhizium anisopliae</i> sensu lato	404 <i>Isaria</i> sp. 10377	652 <i>Beauveria bassiana</i> 8960
8869	418 <i>Beauveria bassiana</i> 6016	653 <i>Beauveria bassiana</i> 8961
340 <i>Metarhizium anisopliae</i> sensu lato	48 <i>Isaria</i> sp. 11629	654 <i>Beauveria bassiana</i> 8962
8870	487 <i>Beauveria bassiana</i> 10351	654 <i>Beauveria bassiana</i> 9219
341 <i>Metarhizium anisopliae</i> sensu lato	49 <i>Metarhizium anisopliae</i> sensu lato	655 <i>Beauveria bassiana</i> 8963
8954	11637	656 <i>Beauveria bassiana</i> 8964
342 <i>Metarhizium anisopliae</i> sensu lato	499 <i>Beauveria bassiana</i> 8932	657 <i>Beauveria bassiana</i> 9220
8871	516 <i>Beauveria bassiana</i> 11618	658 <i>Beauveria bassiana</i> 8965
343 <i>Metarhizium anisopliae</i> sensu lato	519 <i>Beauveria bassiana</i> 11619	659 <i>Beauveria bassiana</i> 8966
8872	527 <i>Isaria</i> sp. 10378	660 <i>Beauveria bassiana</i> 8967
345 <i>Metarhizium anisopliae</i> sensu lato	53 <i>Beauveria bassiana</i> 11613	661 <i>Beauveria bassiana</i> 8968
8873	533 <i>Beauveria bassiana</i> 10352	662 <i>Beauveria bassiana</i> 8969
346 <i>Metarhizium anisopliae</i> sensu lato	536 <i>Beauveria bassiana</i> 10353	663 <i>Beauveria bassiana</i> 8970
8955	537 <i>Beauveria bassiana</i> 10354	664 <i>Beauveria bassiana</i> 8971
347 <i>Metarhizium anisopliae</i> sensu lato	538 <i>Beauveria bassiana</i> 10355	665 <i>Beauveria bassiana</i> 8972
8874	539 <i>Beauveria bassiana</i> 10356	666 <i>Beauveria bassiana</i> 8973
348 <i>Metarhizium anisopliae</i> sensu lato	540 <i>Isaria</i> sp. 10379	667 <i>Beauveria bassiana</i> 8974
8875	543 <i>Beauveria bassiana</i> 10357	668 <i>Beauveria bassiana</i> 8975
349 <i>Metarhizium anisopliae</i> sensu lato	546 <i>Isaria</i> sp. 11631	669 <i>Beauveria bassiana</i> 8976
8876	548 <i>Isaria</i> sp. 10380	670 <i>Beauveria bassiana</i> 8977
350 <i>Metarhizium anisopliae</i> sensu lato	549 <i>Isaria</i> sp. 10381	671 <i>Beauveria bassiana</i> 8978
8877	553 <i>Beauveria bassiana</i> 10358	672 <i>Beauveria bassiana</i> 8979
352 <i>Metarhizium anisopliae</i> sensu lato	554 <i>Isaria</i> sp. 10382	673 <i>Beauveria bassiana</i> 8980
8878	555 <i>Isaria</i> sp. 11632	674 <i>Beauveria bassiana</i> 8981
353 <i>Metarhizium anisopliae</i> sensu lato	556 <i>Isaria</i> sp. 10383	675 <i>Beauveria bassiana</i> 8982
8879	557 <i>Beauveria bassiana</i> 10359	676 <i>Beauveria bassiana</i> 8983
354 <i>Metarhizium anisopliae</i> sensu lato	558 <i>Beauveria bassiana</i> 10360	677 <i>Beauveria bassiana</i> 8933
8880	559 <i>Isaria</i> sp. 11633	678 <i>Beauveria bassiana</i> 8934
355 <i>Metarhizium anisopliae</i> sensu lato	560 <i>Isaria</i> sp. 11634	679 <i>Beauveria bassiana</i> 8935
8881	561 <i>Isaria</i> sp. 10384	680 <i>Beauveria bassiana</i> 8936
356 <i>Metarhizium anisopliae</i> sensu lato	563 <i>Beauveria bassiana</i> 10361	681 <i>Beauveria bassiana</i> 8937
8882	564 <i>Isaria</i> sp. 11635	682 <i>Beauveria bassiana</i> 8938
357 <i>Metarhizium anisopliae</i> sensu lato	565 <i>Isaria</i> sp. 11636	683 <i>Beauveria bassiana</i> 8939
8883	566 <i>Beauveria bassiana</i> 10362	684 <i>Beauveria bassiana</i> 8940
358 <i>Metarhizium anisopliae</i> sensu lato	567 <i>Beauveria bassiana</i> 11620	685 <i>Metarhizium anisopliae</i> sensu lato
8884	57 <i>Beauveria bassiana</i> 11614	8956
359 <i>Metarhizium anisopliae</i> sensu lato	571 <i>Isaria</i> sp. 10385	686 <i>Metarhizium anisopliae</i> sensu lato
8885	58 <i>Beauveria bassiana</i> 11615	8957
360 <i>Metarhizium anisopliae</i> sensu lato	580 <i>Lecanicillium</i> sp. 11639	688 <i>Purpureocillium lilacinum</i> 9238
8886	582 <i>Conidiobolus coronatus</i> 11651	689 <i>Purpureocillium lilacinum</i> 10128
361 <i>Metarhizium anisopliae</i> sensu lato	583 <i>Lecanicillium</i> sp. 11640	738 <i>Metarhizium anisopliae</i> sensu lato
8887	584 <i>Lecanicillium</i> sp. 11641	9150
362 <i>Metarhizium anisopliae</i> sensu lato	585 <i>Lecanicillium</i> sp. 11642	739 <i>Metarhizium anisopliae</i> sensu lato
8912	586 <i>Lecanicillium</i> sp. 11643	9151
363 <i>Metarhizium anisopliae</i> sensu lato	587 <i>Lecanicillium</i> sp. 11644	740 <i>Metarhizium anisopliae</i> sensu lato
8913	588 <i>Purpureocillium lilacinum</i> 10127	9152
364 <i>Metarhizium anisopliae</i> sensu lato	588 <i>Lecanicillium</i> sp. 11645	741 <i>Metarhizium anisopliae</i> sensu lato
8914	589 <i>Lecanicillium</i> sp. 11646	9153
365 <i>Metarhizium anisopliae</i> sensu lato	59 <i>Beauveria bassiana</i> 11616	742 <i>Metarhizium anisopliae</i> sensu lato
8915	590 <i>Lecanicillium</i> sp. 11647	9154
366 <i>Metarhizium anisopliae</i> sensu lato	591 <i>Lecanicillium</i> sp. 11648	743 <i>Metarhizium anisopliae</i> sensu lato
8916	593 <i>Beauveria bassiana</i> 11621	9155
390 <i>Isaria</i> sp. 10363	595 <i>Beauveria bassiana</i> 11622	744 <i>Metarhizium anisopliae</i> sensu lato
391 <i>Isaria</i> sp. 10364	597 <i>Beauveria bassiana</i> 11623	9156
392 <i>Isaria</i> sp. 10365	600 <i>Beauveria bassiana</i> 11624	745 <i>Metarhizium anisopliae</i> sensu lato
393 <i>Isaria</i> sp. 10366	601 <i>Beauveria bassiana</i> 11625	9157
394 <i>Isaria</i> sp. 10367	602 <i>Beauveria bassiana</i> 11626	746 <i>Metarhizium anisopliae</i> sensu lato
395 <i>Isaria</i> sp. 10368	605 <i>Beauveria bassiana</i> 11627	9158
396 <i>Isaria</i> sp. 10369	606 <i>Isaria</i> sp. 11628	747 <i>Metarhizium anisopliae</i> sensu lato
397 <i>Isaria</i> sp. 10370	618 <i>Geotrichum</i> sp. 11653	9159
398 <i>Isaria</i> sp. 10371	619 <i>Geotrichum</i> sp. 11654	748 <i>Metarhizium anisopliae</i> sensu lato
399 <i>Isaria</i> sp. 10372	620 <i>Lecanicillium</i> sp. 11649	9160

## Alternate Collections

749 *Metarhizium anisopliae* sensu lato  
9161  
750 *Metarhizium anisopliae* sensu lato  
9162  
751 *Lecanicillium* sp. 9163  
757 *Evlachovaea* sp. 9164  
759 *Evlachovaea* sp. 9165  
760 *Evlachovaea* sp. 9166  
761 *Evlachovaea* sp. 9167  
762 *Evlachovaea* sp. 9168  
763 *Evlachovaea* sp. 9169  
764 *Evlachovaea* sp. 9170  
765 *Evlachovaea* sp. 9171  
766 *Evlachovaea* sp. 9172  
767 *Evlachovaea* sp. 9173  
768 *Evlachovaea* sp. 9174  
769 *Evlachovaea* sp. 9185  
770 *Evlachovaea* sp. 9186  
771 *Evlachovaea* sp. 9237  
772 *Evlachovaea* sp. 9187  
773 *Evlachovaea* sp. 9188  
774 *Evlachovaea* sp. 9189  
776 *Evlachovaea* sp. 9190  
777 *Evlachovaea* sp. 9191  
778 *Evlachovaea* sp. 9192  
779 *Beauveria bassiana* 9193  
780 *Beauveria bassiana* 9194  
781 *Beauveria bassiana* 9195  
782 *Beauveria bassiana* 9196  
783 *Beauveria bassiana* 9197  
784 *Beauveria bassiana* 9198  
785 *Beauveria bassiana* 9199  
786 *Beauveria bassiana* 10186  
787 *Beauveria bassiana* 9200  
788 *Beauveria bassiana* 9201  
789 *Beauveria bassiana* 9202  
790 *Beauveria bassiana* 9203  
791 *Beauveria bassiana* 9204  
792 *Beauveria bassiana* 9205  
793 *Beauveria bassiana* 9206  
794 *Beauveria bassiana* 9207  
795 *Beauveria bassiana* 9208  
796 *Beauveria bassiana* 9209  
797 *Beauveria bassiana* 9210  
798 *Beauveria bassiana* 9211  
799 *Beauveria bassiana* 9212  
800 *Beauveria bassiana* 9213  
801 *Beauveria bassiana* 9221  
802 *Beauveria bassiana* 9214  
803 *Beauveria bassiana* 9215  
804 *Beauveria bassiana* 9216  
805 *Beauveria bassiana* 9222  
806 *Beauveria bassiana* 9223  
807 *Beauveria bassiana* 9224  
808 *Beauveria bassiana* 9225  
809 *Beauveria bassiana* 9226  
810 *Beauveria bassiana* 9227  
811 *Beauveria bassiana* 9228  
812 *Beauveria bassiana* 9229  
813 *Beauveria bassiana* 9230  
814 *Beauveria bassiana* 9231  
815 *Beauveria bassiana* 9232  
816 *Beauveria bassiana* 9233  
817 *Beauveria bassiana* 9234  
818 *Purpureocillium lilacinum* 9239  
819 *Purpureocillium lilacinum* 10129

820 *Purpureocillium lilacinum* 10130  
821 *Purpureocillium lilacinum* 9240

**Erper, Ismail**

TR-01 *Simplicillium lamellicola* 11727  
TR-02 *Simplicillium lamellicola* 11728  
TR-03 *Simplicillium lamellicola* 11729  
TR-04 *Lecanicillium muscarium* 11730  
TR-05 *Lecanicillium muscarium* 11731  
TR-06 *Simplicillium lamellicola* 11732  
TR-06-2 Unidentified / Hyphomycetes  
12170  
TR-07 *Lecanicillium muscarium* 11733  
TR-08 *Lecanicillium muscarium* 11734  
TR-09 *Simplicillium lamellicola* 11735  
TR-10 *Lecanicillium muscarium* 11736  
TR-11 *Simplicillium lamellicola* 11737  
TR-12 *Simplicillium lamellicola*(?)  
11738  
TR-13 *Beauveria* sp. 11739  
TR-14 *Simplicillium lamellicola*(?)  
11740  
TR-55-1 Unidentified / Hyphomycetes  
12163  
TR-55-2 Unidentified / Hyphomycetes  
12164  
TR-55-3 *Beauveria bassiana* 12165  
TR-55-4 *Isaria catenannulata*(?) 12166  
TR-55-5 Unidentified / Hyphomycetes  
12167  
TR-55-6 *Beauveria* sp. 12168  
TR-55-7 *Beauveria* sp. 12169  
TR-78-1 Unidentified / Hyphomycetes  
12171  
TR-78-10 Unidentified / Hyphomycetes  
12180  
TR-78-11 Unidentified / Hyphomycetes  
12181  
TR-78-2 *Isaria fumosorosea* 12172  
TR-78-3 *Isaria fumosorosea* 12173  
TR-78-4 *Isaria fumosorosea* 12174  
TR-78-5 *Isaria fumosorosea* 12175  
TR-78-6 Unidentified / Hyphomycetes  
12176  
TR-78-7 *Isaria fumosorosea* 12177  
TR-78-8 Unidentified / Hyphomycetes  
12178  
TR-78-9 Unidentified / Hyphomycetes  
12179

**ESALQ**

447 *Beauveria bassiana* 2404  
478 *Beauveria bassiana* 2401  
483 *Beauveria bassiana* 2402  
484 *Beauveria bassiana* 2403

**Evans BioControl**

447 *Beauveria bassiana* 2722  
479 *Beauveria bassiana* 2723

**Evans, Harry C.**

HE96-1013 *Verticillium pseudo-hemipterigenum* 5687  
I03-1242 *Regiocrella camerunensis* 7682  
I85-12 *Metarhizium album* 2082  
I85-87 *Metarhizium album* 2081  
I86-174 *Torrubiella* sp. 7673  
I86-280 *Hirsutella versicolor* 4512  
I88-370 *Hirsutella* sp. 4513  
I88-375 *Hirsutella* sp. 4515  
I88-399 *Hirsutella* sp. 4514  
I89-490 *Aschersonia viridans* 7674  
I91-598 *Aschersonia turbinata* 7675  
I91-602 *Hirsutella cryptosclerotium* 4517  
I92-788 *Torrubiella*(?) sp. 7658  
I93-805 *Hypocrella amazonica* 7680  
I93-807 *Aschersonia aleyrodis* 7677  
I93-813 *Aschersonia cubensis* 7676  
I93-815 *Aschersonia aleyrodis* 7659  
I93-901a *Aschersonia andropogonis* 7660  
I93-901b *Aschersonia placenta* 7661  
I93-901c *Aschersonia andropogonis* 7662  
I93-901d *Hypocrella discoidea* 7663  
I93-902 *Hypocrella* sp. 7664  
I93-903 *Clavicipitaceae* anamorph 7665  
I94-908 *Aschersonia aleyrodis* 7666  
I94-916 *Ophiocordyceps bisporus* 4518  
I94-920 *Hypocrella amazonica* 7667  
I94-922c *Hypocrella amazonica* 7669  
I95-901d *Hypocrella discoidea* 7668  
I95-954 *Aschersonia incrassata* 7670  
I95-958 *Aschersonia cubensis* 7671  
IMI337439 *Hirsutella* sp. 4511  
Ro 596 *Beauveria caledonica* 2251

**Farices, Angela**

34 *Isaria fumosorosea* 4383

**Farrokhi, Shahram**

PPDRI 1 *Verticillium lecanii* 6287  
PPDRI 3 *Isaria farinosa* 6288  
PPDRI 4 *Lecanicillium lecanii*(?) 6289  
PPDRI 5 *Verticillium lecanii* 6290  
PPDRI 6 *Verticillium lecanii* 6291

**Feng, Ming-Guang**

DN8701 *Lecanicillium muscarium* 2878  
DN8801 *Lecanicillium muscarium* 2862  
DN8802 *Lecanicillium muscarium* 2877  
DN8803 *Beauveria bassiana* 2861  
DN8804 *Beauveria bassiana* 2864  
DN8805 *Beauveria bassiana* 2879  
DN8806 *Beauveria bassiana* 2882  
F95125 *Pandora delphacis* 6538  
F95129 *Pandora delphacis* 6539  
MD8901 *Zoophthora radicans* 2811  
MD8902 *Conidiobolus thrombooides* 2849  
MD8903 *Conidiobolus thrombooides* 2828  
MD8904 *Conidiobolus coronatus* 2812  
MD8905 *Conidiobolus coronatus* 2813  
MD8906 *Conidiobolus coronatus* 2814  
MD8907 *Conidiobolus thrombooides* 2829  
MD8908 *Conidiobolus thrombooides* 2850  
MD8930 *Pandora neoaphidis* 2874  
MD8931 *Pandora neoaphidis* 2875  
MD8932 *Pandora neoaphidis* 2876  
ME8701 *Lecanicillium muscarium* 2858

MTMD9002	<i>Conidiobolus obscurus</i>	3092	<b>FPMI</b>	28	<i>Conidiobolus thromboides</i>	73	<b>Frances, Stephen P.</b>
MTRM9001	<i>Batkoia apiculata</i>	3088		458	<i>Entomophaga aulicae</i>	1991	LAG <i>Lagenidium giganteum</i> 2529
MTRM9002	<i>Conidiobolus obscurus</i>	3089		487	<i>Zoophthora radicans</i>	72	MALANDA1 <i>Lagenidium giganteum</i> 2530
MTRM9003	<i>Conidiobolus obscurus</i>	3090		491	<i>Entomophaga aulicae</i>	1990	MI11 <i>Culicinomyces clavisporus</i> 2475
MTRM9004	<i>Batkoia apiculata</i>	3091		513	<i>Entomophaga aulicae</i>	2000	MI14 <i>Culicinomyces clavisporus</i> 2526
RP8601	<i>Fusarium</i> sp.	2337		521	<i>Entomophaga aulicae</i>	2896	MI16 <i>Culicinomyces clavisporus</i> 2527
SA8601	<i>Lecanicillium psalliotae</i>	2332		576	<i>Entomophaga aulicae</i>	1999	MI17 <i>Culicinomyces clavisporus</i> 2476
SA8602	<i>Fusarium</i> sp.	2333		597	<i>Entomophaga aulicae</i>	2902	MI19 <i>Culicinomyces clavisporus</i> 2477
SA8701	<i>Verticillium lecanii</i>	2859		598	<i>Entomophaga aulicae</i>	2903	MI2 <i>Culicinomyces clavisporus</i> 2471
SA8801	<i>Stachybotrys</i> sp.	2863		600	<i>Entomophaga aulicae</i>	2904	MI21 <i>Culicinomyces clavisporus</i> 2478
SAVL8602	<i>Lecanicillium muscarium</i>	2334		602	<i>Entomophaga aulicae</i>	2905	MI26 <i>Culicinomyces clavisporus</i> 2622
SG8701	<i>Beauveria bassiana</i>	2880		625	<i>Entomophaga macleodii</i>	376	MI4 <i>Culicinomyces clavisporus</i> 2472
SG8702	<i>Beauveria bassiana</i>	2860		626	<i>Entomophaga aulicae</i>	2897	MI5 <i>Culicinomyces clavisporus</i> 2473
SG8801	<i>Beauveria bassiana</i>	2881		646	<i>Entomophaga aulicae</i>	2898	MI7 <i>Culicinomyces clavisporus</i> 2474
SGBB8601	<i>Beauveria bassiana</i>	2336		647	<i>Entomophaga macleodii</i>	375	MILLA1 <i>Lagenidium giganteum</i> 2531
SGBB8601	<i>Beauveria bassiana</i>	2883		655	<i>Zoophthora radicans</i>	407	MILLA2 <i>Lagenidium giganteum</i> 2532
ZJU0603	<i>Pandora nouryi</i>	8930		667	<i>Conidiobolus obscurus</i>	434	MM1 <i>Culicinomyces bisporalis</i> 1948
ZJU0604	<i>Pandora nouryi</i>	8931		687	<i>Zoophthora radicans</i>	141	MM2 <i>Culicinomyces bisporalis</i> 1949
<b>Fermone Corporation</b>				688	<i>Zoophthora radicans</i>	68	QI1 <i>Culicinomyces clavisporus</i> 2480
FCI-7744	<i>Beauveria bassiana</i>	3097		695	<i>Conidiobolus osmodes</i>	79	QI2 <i>Culicinomyces clavisporus</i> 2481
FCI-7744	<i>Beauveria bassiana</i>	7795		696	<i>Zoophthora radicans</i>	13	VI1 <i>Culicinomyces clavisporus</i> 2479
<b>Ferron, P.</b>				697	<i>Zoophthora radicans</i>	44	
6	<i>Beauveria brongniartii</i>	617		698	<i>Zoophthora radicans</i>	50	
<b>FI</b>				700	<i>Zoophthora radicans</i>	75	
1028	<i>Metarhizium acridum</i>	3391		701	<i>Zoophthora radicans</i>	103	
<b>Filotas, Melanie</b>				702	<i>Zoophthora radicans</i>	126	
CTLD A	<i>Furia gastropachae</i>	5547		703	<i>Zoophthora radicans</i>	189	
MD97 S1-1	<i>Furia gastropachae</i>	5545		704	<i>Zoophthora radicans</i>	237	
MD97 S1-2	<i>Furia gastropachae</i>	5546		705	<i>Zoophthora radicans</i>	404	
NY I1	<i>Furia gastropachae</i>	5541		706	<i>Zoophthora radicans</i>	407	
NY I2	<i>Furia gastropachae</i>	5542		707	<i>Entomophaga aulicae</i>	198	
NY V	<i>Furia gastropachae</i>	5543		708	<i>Lecanicillium muscarium</i>	1102	
NY Z	<i>Furia gastropachae</i>	5544		717	<i>Entomophaga aulicae</i>	2899	
<b>Firststencel, Heidi</b>				752	<i>Pandora blunckii</i>	1004	
Brazil-1	<i>Zoophthora radicans</i>	3023		753	<i>Nomuraea rileyi</i>	380	
Brazil-2	<i>Zoophthora radicans</i>	3024		754	<i>Nomuraea rileyi</i>	1047	
Yugo-1	<i>Zoophthora radicans</i>	3021		755	<i>Hirsutella longicolla</i> var. <i>cornuta</i>		
Yugo-2	<i>Zoophthora radicans</i>	3022		177			
<b>Flor, Lina B.</b>				756	<i>Hirsutella longicolla</i> var. <i>cornuta</i>		
SCI3	<i>Beauveria pseudobassiana</i>	8046		178			
<b>Folker-Hansen, Pernille</b>				757	<i>Paecilomyces canadensis</i>	984	
F:040590	<i>Batkoia apiculata</i>	3225		758	<i>Paecilomyces canadensis</i>	990	
I:080990	<i>Batkoia apiculata</i>	3226		759	<i>Isaria farinosa</i>	648	
<b>Forest Pest Management Institute</b>				760	<i>Isaria farinosa</i>	697	
FPMI 713	<i>Furia gastropachae</i>	5869		767	<i>Entomophaga australiensis</i>	328	
FPMI 922-1a	<i>Furia gastropachae</i>	5870		768	<i>Batkoia gigantea</i>	403	
FPMI 922-2a	<i>Furia gastropachae</i>	5871		770	<i>Entomophaga</i> sp.	393	
FPMI 922-3a	<i>Furia gastropachae</i>	5872		771	<i>Entomophaga aulicae</i>	1993	
<b>Forschler, Brian T.</b>				776	<i>Entomophaga aulicae</i>	1994	
RF-1	<i>Isaria farinosa</i>	2269		777	<i>Entomophaga aulicae</i>	1995	
RF-2	<i>Beauveria bassiana</i>	2270		877	<i>Entomophaga aulicae</i>	1998	
RF-3	<i>Beauveria brongniartii</i>	2271		889	<i>Entomophaga aulicae</i>	1992	
				893	<i>Entomophaga aulicae</i>	2900	
				894	<i>Entomophaga aulicae</i>	1997	
				934	<i>Entomophaga aulicae</i>	2901	
				951	<i>Zoophthora phytonomi</i>	113	
				952	<i>Entomophaga maimaiga</i>	1400	
				961	<i>Isaria fumosorosea</i>	3824	
				963	<i>Entomophaga maimaiga</i>	1391	
				964	<i>Entomophaga maimaiga</i>	1392	
<b>Freimoser, Florian</b>							
ETH 16b	<i>Entomophthora planchoniana</i>						
6251							
ETH 16c	<i>Entomophthora planchoniana</i>						
6252							
ETH 602	<i>Entomophthora thripidum</i>						
6517							
ETH 603	<i>Entomophthora thripidum</i>						
6518							
ETH 604	<i>Entomophthora thripidum</i>						
6519							
ETH 605	<i>Entomophthora thripidum</i>						
6520							
ETH 606	<i>Entomophthora thripidum</i>						
6525							
ETH 607	<i>Entomophthora thripidum</i>						
6521							
ETH 608	<i>Entomophthora thripidum</i>						
6522							
<b>FRR</b>							
4834	<i>Metarhizium anisopliae</i> sensu lato						
8759							
<b>Fry, Ken</b>							
ARC 4	<i>Beauveria bassiana</i>	6920					
ARC 5	<i>Beauveria bassiana</i>	6921					
ARC 6	<i>Beauveria bassiana</i>	6922					
ARC 7	<i>Beauveria bassiana</i>	6923					
ARC 8	<i>Beauveria bassiana</i>	6924					
<b>Fuller, Claire A.</b>							
?#3 V29UP all	<i>Paecilomyces</i> sp.	7800					
#1 CB4BP all	<i>Aspergillus niger</i>	7798					
#1 Cruz7UP cut	<i>Aspergillus niger</i>	7797					
#1b HH39P cut	<i>Aspergillus niger</i>	7799					
#6b V29UP all	<i>Myrothecium</i> sp.	7804					
#8 HH23P all	Unidentified / Hyphomycetes	7802					
#8 V29UP all	<i>Paecilomyces</i> sp.	7803					
#8b HH23P all	<i>Paecilomyces</i> sp.	7801					

## Alternate Collections

Fuxa, James R.  
Gouli, Svetlana

### Fuxa, James R.

- G-6170 *Metarhizium anisopliae* sensu lato 6909
- G-6292 *Metarhizium anisopliae* sensu lato 6910
- G-7192 *Metarhizium anisopliae* sensu lato 6911
- W-6291 *Beauveria bassiana* 6906
- W-7191 *Beauveria bassiana* 6907
- W-8021 *Beauveria bassiana* 6908

### G/Tsadik, Zaf

- 1-02/03 Unidentified 6449
- 1-02/03 *Simplicillium lamellicola* 6448
- 2 (Wello 23.10.99) *Fusarium* sp. 6445
- 2-02/03 *Fusarium* sp. 6450
- 3 (Wello 23.10.99) *Fusarium* sp. 6446
- 3-02/03 *Fusarium* sp. 6451
- 5-02/03 *Fusarium* sp. 6452
- 5/03-B *Fusarium* sp. 6453
- 5/03-BB *Aspergillus flavus* 6454
- 6-02/03 *Fusarium* sp. 6455
- CHA *Aspergillus* sp. 6573
- Chinaksen *Aspergillus* sp. 6574
- Filter paper *Fusarium* sp. 6447
- HP *Aspergillus* sp. 6575

### Gagen, Steven J.

- 1 *Metarhizium anisopliae* sensu lato 435
- 10 *Metarhizium pingshaense* 444
- 11 *Metarhizium anisopliae* sensu lato 445
- 12 *Metarhizium pingshaense* 446
- 2 *Metarhizium pingshaense* 436
- 3 *Metarhizium pingshaense* 437
- 4 *Metarhizium anisopliae* sensu lato 438
- 5 *Metarhizium pingshaense* 439
- 6 *Metarhizium anisopliae* sensu lato 440
- 7 *Metarhizium anisopliae* sensu lato 441
- 8 *Metarhizium anisopliae* sensu lato 442
- 9 *Metarhizium pingshaense* 443

### Gassen, Dirceu Neri

- D86 *Nomuraea rileyi* 2206
- E86 *Nomuraea rileyi* 2207

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- 12-82 *Isaria farinosa* 975
- 12-74 *Lecanicillium muscarium* 980
- 13-74 *Lecanicillium longisporum* 1026
- 130-82 *Tolypocladium cylindrosporum* 1027
- 131-82 *Tolypocladium cylindrosporum* 976
- 132-82 *Tolypocladium cylindrosporum* 1028
- 134-82 *Metarhizium guizhouense* 977
- 148-82 *Metarhizium majus* 978
- 20-79 *Lecanicillium muscarium* 1033
- 45-81 *Hirsutella* sp. 970
- 50-81 *Paecilomyces* sp. 971
- 52-81 *Isaria farinosa* 981
- 55-81 *Lecanicillium muscarium* 972
- 59-81 *Lecanicillium muscarium* 973
- 64-82 *Beauveria brongniartii* 979
- 67-82 *Aschersonia turbinata* 1030
- 8-73 *Lecanicillium muscarium* 1029
- 80-82 *Lecanicillium muscarium*(?) 1032

- 93-82a *Lecanicillium longisporum* 974

### Geden, Christopher J.

- B 90 *Beauveria bassiana* 5342
- D 90 *Beauveria bassiana* 5343
- H 90 *Beauveria bassiana* 5344
- L 89 *Beauveria bassiana* 5340
- L 90 *Beauveria bassiana* 5345
- P 89 *Beauveria bassiana* 3112
- P 89 *Beauveria bassiana* 5339
- Pow 90 *Beauveria bassiana* 5346
- W 89 *Beauveria bassiana* 5341
- W 90 *Beauveria bassiana* 5347

### George-Ambrose, Germain

- SLUMAFFE 1 *Lecanicillium psalliotae* 8890

### George, Justin

- PSU 12-001 *Fusarium* sp. 11948
- PSU 12-002 *Fusarium* sp. 11949
- PSU 12-003 *Fusarium* sp. 11950

### Gerson, U.

- CAB252317 *Hirsutella* sp. 4776

### Ghazavi, Mehran

- 1 *Beauveria bassiana* 6903
- 2 *Beauveria bassiana* 6904
- 3 *Beauveria bassiana* 6905

### Glockling, S. L.

- 12 *Rotiferophthora minutispora* 5613
- 16 *Dactylella aphrobrocha* 5589
- A2 *Harposporium leptospora* 5603
- A4 *Drechmeria coniospora* 5592
- AL *Harposporium leptospora* 5602
- CGa *Harposporium anguillulae* 5593
- CM2a *Pochonia microbactrospora* 5616
- CS1 *Drechmeria coniospora* 5591
- CS3a *Drechslerella dactyloides* 5587
- DC *Harposporium lilliputianum* 5604
- Drain *Harposporium arcuatum* 5598
- E *Harposporium subuliforme* 5605
- K1 *Dactylaria candida* 5588
- K1 *Haptocillium balanoides* 5617
- K2a *Harposporium cycloides* 5600
- K5a *Tolypocladium lignicola* 5615
- L1 *Nematoctonus leptosporus* 5607
- LD2 *Drechslerella dactyloides* 5586
- LD2 *Dactylella leptospora* 5590
- LD4 *Rotiferophthora lacrima* 5612
- MA *Harposporium anguillulae* 5595
- N1 *Plesiospora globosa* 5608
- N3 *Harposporium cycloides* 5599
- N5 *Rotiferophthora amamiensis* 5609
- ND-9 *Nematoctonus leiosporus* 5606
- Nelumbo *Rotiferophthora japonica* 5611
- PA *Harposporium arcuatum* 5597
- PNS *Pochonia microbactrospora* 5619
- RSa *Harposporium anguillulae* 5594
- RT *Haptocillium sinense* 5618
- RW2a *Rotiferophthora denticulospora* 5614
- VEG *Harposporium arcuatum* 5596
- WG *Rotiferophthora angustispora* 5610

### Goettel, Mark S.

- 17 *Conidiobolus* sp. 3402
- 25B *Culicinomyces clavisporus* 1260
- 25B *Culicinomyces clavisporus* 2482
- 2B-A *Fusarium acuminatum* 3218
- 3B *Aspergillus niger* 3143
- 4B-A *Purpureocillium lilacinum* 3047
- 4B-B *Purpureocillium lilacinum* 3049
- 4C *Fusarium* sp. 3051
- 5B *Aspergillus* sp. 3048
- FI-59 *Culicinomyces clavisporus* 964
- LRC 172 *Tolypocladium cylindrosporum* 7456
- MISI *Beauveria bassiana* 3462

### Gopalakrishnan, C.

- 30 *Lecanicillium muscarium* 2659
- 31 *Beauveria brongniartii* 2660

### Gouli, Svetlana

- A-12/1 *Beauveria bassiana* 12023
- A-12/10 *Fusarium* sp. 12032
- A-12/11 *Fusarium* sp. 12033
- A-12/12 *Fusarium* sp. 12034
- A-12/13 *Fusarium* sp. 12035
- A-12/14 *Fusarium* sp. 12036
- A-12/15 *Fusarium* sp. 12037
- A-12/16 *Fusarium* sp. 12038
- A-12/17 *Fusarium* sp. 12039
- A-12/18 *Fusarium* sp. 12040
- A-12/2 *Beauveria bassiana* 12024
- A-12/20 Unidentified / Hyphomycetes 12041
- A-12/21 Unidentified / Hyphomycetes 12042
- A-12/23 Unidentified / Hyphomycetes 12043
- A-12/24 Unidentified / Hyphomycetes 12044
- A-12/25 Unidentified / Hyphomycetes 12045
- A-12/28 *Cladosporium* sp. 12046
- A-12/3 *Beauveria bassiana* 12025
- A-12/31 Unidentified / Hyphomycetes 12047
- A-12/32 *Penicillium* sp. 12048
- A-12/33 *Penicillium* sp. 12049
- A-12/35 *Aspergillus* sp. 12050
- A-12/36 *Aspergillus* sp. 12051
- A-12/4 *Beauveria bassiana* 12026
- A-12/5 Unidentified / Hyphomycetes 12027
- A-12/6 Unidentified / Hyphomycetes 12028
- A-12/7 Unidentified / Hyphomycetes 12029
- A-12/8 Unidentified / Hyphomycetes 12030
- A-12/9 Unidentified / Hyphomycetes 12031
- AT-086 *Beauveria bassiana* 5770
- CA-115 *Beauveria bassiana* 11625
- CA-127 *Purpureocillium lilacinum* 10128
- CA-130 *Purpureocillium lilacinum* 10130
- CA-360 *Beauveria bassiana* 11623
- CA-396 *Beauveria bassiana* 11621
- CA-475 *Beauveria bassiana* 11627

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CA-677 <i>Geotrichum</i> sp. 11653	HWA-12-2 <i>Lecanicillium muscarium</i> (?) 11816	THR-11-12 <i>Metarhizium</i> sp. 11839
CA-682 <i>Lecanicillium</i> sp. 11641	HWA-12-4 <i>Lecanicillium muscarium</i> 11818	THR-11-14 <i>Beauveria bassiana</i> 11841
CA-698 <i>Lecanicillium</i> sp. 11639	HWA-12/1 Unidentified / Hyphomycetes 12086	THR-11-16 <i>Beauveria bassiana</i> 11845
CA-700 <i>Conidiobolus coronatus</i> 11651	HWA-12/3 Unidentified / Hyphomycetes 12088	THR-11-18 <i>Beauveria bassiana</i> 11847
CA-706 <i>Lecanicillium</i> sp. 11649	HWA-12/5 Unidentified / Hyphomycetes 12090	THR-11-2 Pochonia chlamydosporia var. <i>chlamydosporia</i> 11786
CA-707 <i>Lecanicillium</i> sp. 11643	HWA-G-1 <i>Eurotiomycetes</i> , genus undetermined 9360	THR-11-20 <i>Metarhizium</i> sp. 11849
CA-736 <i>Lecanicillium</i> sp. 11638	HWA-G-17 <i>Acremonium</i> (?) sp. 9368	THR-11-23 <i>Hirsutella rhossiliensis</i> 11820
CA-753 <i>Beauveria bassiana</i> 10186	HWA-G-25 Unidentified / Hyphomycetes 9366	THR-11-25 <i>Isaria farinosa</i> 11824
CA-761 <i>Lecanicillium</i> sp. 11645	HWA-G-26 <i>Myriangium</i> sp. 9915	THR-11-27 <i>Isaria farinosa</i> 11826
CA-792 <i>Lecanicillium</i> sp. 11647	HWA-G-28 <i>Myriangium</i> sp. 9917	THR-11-29 <i>Isaria farinosa</i> 11828
DV-05-1 <i>Beauveria bassiana</i> 9297	HWA-G-30 <i>Myriangium</i> sp. 9919	THR-11-31 <i>Isaria farinosa</i> 11830
DV-05-11 <i>Beauveria bassiana</i> 9299	HWA-G-34 Unidentified sp. 9921	THR-11-33 <i>Isaria farinosa</i> 11832
DV-05-17 <i>Beauveria bassiana</i> 9301	HWA-G-46 <i>Lecanicillium</i> sp. 9924	THR-11-35 <i>Isaria farinosa</i> 11834
EHS <i>Myriangium duriaeae</i> 8925	HWA-G-48 <i>Lecanicillium</i> sp. 9926	THR-11-37 <i>Paecilomyces carneus</i> 11836
EHS <i>Myriangium duriaeae</i> 8924	HWA-G-6 <i>Eurotiomycetes</i> , genus undetermined 9361	THR-11-39 <i>Lecanicillium evansii</i> (?) 11792
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EHS-11-4 <i>Myriangium</i> sp. 11855	HWA2 <i>Isaria</i> sp. 11630	THR-11-43 <i>Lecanicillium evansii</i> (?) 11796
EHS-12-1 <i>Metarhiziopsis microspora</i> 11843	IMI-33/WFT <i>Metarhizium acridum</i> 9592	THR-11-45 <i>Lecanicillium</i> sp. 11798
EHS-12-3 <i>Lecanicillium lecanii</i> (?) 11815	LS-07a <i>Hirsutella lecaniicola</i> 8888	THR-11-47 Pochonia bulbillosa 11800
EHS-12-5 <i>Myriangium</i> sp. 11853	PS-12/1 <i>Lecanicillium</i> sp. 12052	THR-11-49 <i>Lecanicillium muscarium</i> 11802
EHS-271 <i>Metarhiziopsis microspora</i> 8987	PS-12/11 <i>Lecanicillium</i> sp. 12062	THR-11-51 <i>Lecanicillium evansii</i> (?) 11804
EHS-41 <i>Colletotrichum fioriniae</i> 10219	PS-12/13 <i>Lecanicillium</i> sp. 12064	THR-11-53 <i>Lecanicillium evansii</i> (?) 11806
EHS-48 <i>Colletotrichum fioriniae</i> 10220	PS-12/15 <i>Lecanicillium</i> sp. 12066	THR-11-57 <i>Lecanicillium fusisporum</i> 11808
EHS-58 <i>Colletotrichum fioriniae</i> 10222	PS-12/17 <i>Lecanicillium</i> sp. 12068	THR-11-59 Pochonia chlamydosporia var. <i>chlamydosporia</i> 11810
ESC-1(607)WFT <i>Metarhizium anisopliae</i> sensu lato 9591	PS-12/19 <i>Lecanicillium</i> sp. 12070	THR-11-6 <i>Lecanicillium evansii</i> (?) 11789
GA-09-M <i>Metarhizium anisopliae</i> sensu lato 9939	PS-12/21 <i>Fusarium</i> sp. 12072	THR-11-61 <i>Mariannaea</i> sp. 11812
GA-100 <i>Paecilomyces</i> sp. 5190	PS-12/23 <i>Fusarium</i> sp. 12074	THR-11-63 <i>Mariannaea</i> sp. 11814
GA-101 <i>Isaria farinosa</i> 5191	PS-12/25 <i>Fusarium</i> sp. 12076	THR-11-67 <i>Conidiobolus</i> sp. 11763
GA-102 <i>Paecilomyces</i> sp. 5192	PS-12/27 <i>Fusarium</i> sp. 12078	Thr.-08-M-1 <i>Metarhizium anisopliae</i> sensu lato 10131
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GA-104 <i>Verticillium lecanii</i> 5168	PS-12/3 <i>Lecanicillium</i> sp. 12054	Thr.-08-P/11 <i>Isaria farinosa</i> 9577
GA-80 <i>Verticillium lecanii</i> 5167	PS-12/31 <i>Rhinocladiella</i> (?) sp. 12082	Thr.-08-P/13 <i>Isaria farinosa</i> 9579
GA-81 <i>Beauveria bassiana</i> 5169	PS-12/33 <i>Fusarium</i> sp. 12084	Thr.-08-P/15 <i>Isaria farinosa</i> (?) 9581
GA-82 <i>Beauveria bassiana</i> 5170	PS-12/5 <i>Lecanicillium</i> sp. 12056	Thr.-08-P/17 <i>Isaria fumosorosea</i> 9583
GA-83 <i>Beauveria bassiana</i> 5171	PS-12/7 <i>Lecanicillium</i> sp. 12058	Thr.-08-P/19 <i>Isaria fumosorosea</i> 9585
GA-84 <i>Beauveria bassiana</i> 5172	PS-12/9 <i>Lecanicillium</i> sp. 12060	Thr.-08-P/3 <i>Isaria farinosa</i> (?) 9569
GA-85 <i>Beauveria bassiana</i> 5173	SB-10-10 <i>Fusarium</i> sp. 10390	Thr.-08-P/5 <i>Isaria farinosa</i> (?) 9571
GA-86 <i>Beauveria</i> sp. 5174	SB-10-12 Unidentified / Hyphomycetes 10392	Thr.-08-P/7 <i>Isaria farinosa</i> (?) 9573
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GA-89 <i>Paecilomyces</i> sp. 5180	SB-10-2 <i>Scopulariopsis</i> sp. 10310	Thr.-09-1 <i>Conidiobolus coronatus</i> 9913
GA-90 <i>Paecilomyces</i> sp. 5181	SB-10-4 <i>Fusarium</i> sp. 10312	Thr.-09-10 <i>Mariannaea</i> sp. 9934
GA-91 <i>Beauveria bassiana</i> (?) 5182	SB-10-6 Unidentified / Hyphomycetes 10386	Thr.-09-12 <i>Lecanicillium</i> sp. 9936
GA-92 <i>Isaria farinosa</i> 5194	SB-10-8 <i>Fusarium</i> sp. 10388	Thr.-09-14 <i>Fusarium</i> sp. 9937
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GA-95 <i>Paecilomyces</i> sp. 5185	SVG-09/2 <i>Myrothecium verrucaria</i> 9359	Thr.-09-8 <i>Mariannaea</i> sp. 9932
GA-96 <i>Beauveria</i> sp. 5186	SVG-11-1 <i>Pandora</i> sp. 11764	Thr.-10-1 <i>Beauveria bassiana</i> 10138
GA-97 <i>Beauveria</i> sp. 5187	Thr-08-B/10 <i>Beauveria</i> sp. 9339	Thr.-10-100 <i>Lecanicillium</i> sp. 10214
GA-98 Mixed Culture sp. 5188	Thr-08-B/12 <i>Beauveria</i> sp. 9341	Thr.-10-102 <i>Lecanicillium</i> sp. 10216
GA-99 <i>Paecilomyces</i> sp. 5189	Thr-08-B/14 <i>Beauveria</i> sp. 9343	Thr.-10-104 <i>Lecanicillium</i> sp. 10218
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GP-49 <i>Verticillium lecanii</i> 5166		
GP-53 <i>Lecanicillium muscarium</i> 5165		
GP-65 <i>Isaria farinosa</i> 5178		
GP-68 <i>Scopulariopsis</i> sp. 5164		
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HWA-11-M1 <i>Myriangium</i> sp. 11857		

Thr.-10-11 *Beauveria bassiana* 10148  
 Thr.-10-129 Unidentified / Hyphomycetes 10281  
 Thr.-10-133 Unidentified / Hyphomycetes 10282  
 Thr.-10-135 Unidentified / Hyphomycetes 10284  
 Thr.-10-136 Unidentified / Hyphomycetes 10285  
 Thr.-10-138 *Lecanicillium* sp. 10287  
 Thr.-10-139 *Lecanicillium* sp. 10288  
 Thr.-10-14 *Metarhizium anisopliae* sensu lato 10136  
 Thr.-10-141 *Lecanicillium* sp. 10290  
 Thr.-10-142 *Lecanicillium* sp. 10291  
 Thr.-10-144 Unidentified / Hyphomycetes 10293  
 Thr.-10-145 *Lecanicillium* sp. 10294  
 Thr.-10-147 *Lecanicillium* sp. 10296  
 Thr.-10-148 *Lecanicillium* sp. 10297  
 Thr.-10-150 *Lecanicillium* sp. 10299  
 Thr.-10-151 *Lecanicillium* sp. 10300  
 Thr.-10-153 *Lecanicillium* sp. 10302  
 Thr.-10-154 *Lecanicillium* sp. 10303  
 Thr.-10-156 *Lecanicillium* sp. 10305  
 Thr.-10-157 *Lecanicillium* sp. 10306  
 Thr.-10-16 *Lecanicillium* sp. 10154  
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 Thr.-10-20 *Isaria farinosa* 10158  
 Thr.-10-22 *Isaria farinosa* 10160  
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 Thr.-10-26 *Lecanicillium* sp. 10164  
 Thr.-10-28 *Mariannaea* sp. 10150  
 Thr.-10-3 *Beauveria bassiana* 10140  
 Thr.-10-30 *Mariannaea* sp. 10152  
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 Thr.-10-38 *Acremonium bactrocephalum* 10168  
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 Thr.-10-62 *Lecanicillium psalliotae* 10175  
 Thr.-10-64 *Lecanicillium psalliotae* 10177  
 Thr.-10-66 *Lecanicillium psalliotae* 10179  
 Thr.-10-68 *Lecanicillium psalliotae* 10181  
 Thr.-10-7 *Beauveria bassiana* 10144  
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 Thr.-10-79 *Lecanicillium* sp. 10193  
 Thr.-10-81 *Lecanicillium* sp. 10195  
 Thr.-10-83 *Lecanicillium* sp. 10197  
 Thr.-10-85 *Lecanicillium* sp. 10199

Thr.-10-87 *Lecanicillium* sp. 10201  
 Thr.-10-89 *Lecanicillium* sp. 10203  
 Thr.-10-9 *Tolyphocladium cylindrospororum* 10146  
 Thr.-10-91 *Mariannaea* sp. 10205  
 Thr.-10-93 *Lecanicillium* sp. 10207  
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 Thr.-10-96 *Lecanicillium* sp. 10210  
 Thr.-10-98 *Lecanicillium* sp. 10212  
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 CA-116 *Beauveria bassiana* 11626  
 CA-129 *Purpureocillium lilacinum* 10129  
 CA-321 *Beauveria bassiana* 11624  
 CA-363 *Beauveria bassiana* 11622  
 CA-681 *Lecanicillium* sp. 11640  
 CA-683 *Lecanicillium* sp. 11642  
 CA-688 *Geotrichum* sp. 11654  
 CA-701 *Isaria* sp. 11628  
 CA-737 *Lecanicillium* sp. 11644  
 CA-791 *Lecanicillium* sp. 11646  
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 EHS-11-3 *Myriangium* sp. 11854  
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 EHS-12-4 *Myriangium* sp. 11852  
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 GA-357 Unidentified / Zygomycetes 6508  
 GA-358 Unidentified / Zygomycetes 6509  
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 HWA-12/2 Unidentified / Hyphomycetes 12087  
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 HWA-G-29 *Myriangium* sp. 9918  
 HWA-G-33 *Phoma* sp. 9920  
 HWA-G-41 *Rhinocladiella*(?) sp. 9922  
 HWA-G-43 *Phoma* sp. 9923  
 HWA-G-47 *Lecanicillium* sp. 9925  
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 HWA-SP *Lecanicillium* sp. 11648  
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 PS-12/12 *Lecanicillium* sp. 12063  
 PS-12/14 *Lecanicillium* sp. 12065  
 PS-12/16 *Lecanicillium* sp. 12067  
 PS-12/18 *Lecanicillium* sp. 12069  
 PS-12/2 *Lecanicillium* sp. 12053  
 PS-12/20 *Lecanicillium* sp. 12071  
 PS-12/22 *Fusarium* sp. 12073  
 PS-12/24 *Fusarium* sp. 12075  
 PS-12/26 *Fusarium* sp. 12077  
 PS-12/28 *Fusarium* sp. 12079  
 PS-12/30 *Rhinocladiella*(?) sp. 12081  
 PS-12/32 *Colletotrichum* sp. 12083  
 PS-12/34 Unidentified / Hyphomycetes 12085  
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 PS-12/6 *Lecanicillium* sp. 12057  
 PS-12/8 *Lecanicillium* sp. 12059  
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 SB-10-11 *Fusarium* sp. 10391  
 SB-10-3 *Fusarium* sp. 10311  
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 SPT-R-159 *Beauveria bassiana* 6011  
 SPT-R-160 *Isaria farinosa* 6012  
 SPT-R-161 *Beauveria pseudobassiana* 6043  
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 THR-11-17 Beauveria bassiana 11846  
 THR-11-19 Beauveria bassiana 11848  
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 THR-11-24 Isaria farinosa 11823  
 THR-11-26 Isaria farinosa 11825  
 THR-11-28 Isaria farinosa 11827  
 THR-11-3 Lecanicillium fusisporum  
 11787  
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 THR-11-32 Isaria farinosa 11831  
 THR-11-34 Isaria farinosa 11833  
 THR-11-36 Isaria farinosa 11835  
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 THR-11-40 Lecanicillium evansii(?)  
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 THR-11-42 Lecanicillium evansii(?)  
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 THR-11-44 Lecanicillium evansii(?)  
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 THR-11-46 Lecanicillium nr. aranearum  
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 THR-11-48 Pochonia chlamydosporia  
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 THR-11-5 Evlachovaea sp. 11788  
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 THR-11-54 Lecanicillium evansii(?)  
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 Thr.-08-B/30 Beauveria bassiana 9401  
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 Thr.-08-P/2 Isaria farinosa(?) 9568  
 Thr.-08-P/20 Isaria fumosorosea 9586  
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 Thr.-10-103 Lecanicillium sp. 10217  
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 Thr.-10-134 Unidentified / Hyphomycetes  
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 Thr.-10-137 Unidentified / Hyphomycetes  
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 Thr.-10-146 Lecanicillium sp. 10295  
 Thr.-10-149 Lecanicillium sp. 10298  
 Thr.-10-15 Metarhizium anisopliae sensu  
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 Thr.-10-152 Lecanicillium sp. 10301  
 Thr.-10-155 Lecanicillium sp. 10304  
 Thr.-10-158 Unidentified / Hyphomycetes  
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 Thr.-10-19 Isaria farinosa 10157  
 Thr.-10-2 Beauveria bassiana 10139  
 Thr.-10-21 Isaria farinosa 10159  
 Thr.-10-23 Isaria farinosa 10161  
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 Thr.-10-27 Isaria farinosa 10165  
 Thr.-10-29 Mariannaea sp. 10151  
 Thr.-10-31 Mariannaea sp. 10153  
 Thr.-10-33 Hirsutella homalodiscae(?)  
 10134  
 Thr.-10-37 Acremonium bactrocephalum  
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 Thr.-10-39 Acremonium bactrocephalum  
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 Thr.-10-4 Beauveria bassiana 10141  
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 Thr.-10-59 Lecanicillium muscarium  
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 Thr.-10-6 Beauveria bassiana 10143  
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 Thr.-10-65 Lecanicillium muscarium  
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 Thr.-10-67 Lecanicillium psalliotae  
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 Thr.-10-69 Lecanicillium psalliotae  
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 Thr.-10-71 Lecanicillium fusisporum(?)  
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 Thr.-10-74 Lecanicillium sp. 10188  
 Thr.-10-76 Lecanicillium sp. 10190  
 Thr.-10-78 Lecanicillium sp. 10192  
 Thr.-10-8 Beauveria bassiana 10145  
 Thr.-10-80 Mariannaea sp. 10194  
 Thr.-10-82 Lecanicillium sp. 10196  
 Thr.-10-84 Lecanicillium sp. 10198  
 Thr.-10-86 Lecanicillium sp. 10200  
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 Thr.-10-92 Lecanicillium sp. 10206  
 Thr.-10-95 Lecanicillium sp. 10209  
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 CA-771 Lecanicillium sp. 9163  
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 EHS-274 Metarhiziospisis microspora 8988  
 EHS-333 Metarhiziospisis microspora 8984  
 EHS-344 Metarhiziospisis microspora 8985  
 FTC Furia gastropachae 8926  
 HWA-06/10 Lecanicillium sp. 9175  
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     sensu lato 9286  
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     sensu lato 9287  
 Thr-08-M12 *Metarhizium anisopliae*  
     sensu lato 9288  
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     sensu lato 9303  
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     sensu lato 9304  
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     sensu lato 9305  
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     sensu lato 9306  
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     sensu lato 9307  
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     sensu lato 9308  
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     sensu lato 9309  
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     sensu lato 9310  
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     sensu lato 9311  
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     sensu lato 9312  
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     sensu lato 9313  
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     sensu lato 9314  
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     sensu lato 9315  
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     sensu lato 9316  
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     sensu lato 9317  
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     sensu lato 9318  
 Thr-08-M29 *Metarhizium anisopliae*  
     sensu lato 9319  
 Thr-08-M3 *Metarhizium anisopliae*  
     sensu lato 9279  
 Thr-08-M30 *Metarhizium anisopliae*  
     sensu lato 9320  
 Thr-08-M31 *Metarhizium anisopliae*  
     sensu lato 9321  
 Thr-08-M32 *Metarhizium anisopliae*  
     sensu lato 9322  
 Thr-08-M33 *Metarhizium anisopliae*  
     sensu lato 9323  
 Thr-08-M34 *Metarhizium anisopliae*  
     sensu lato 9324  
 Thr-08-M35 *Metarhizium anisopliae*  
     sensu lato 9325  
 Thr-08-M36 *Metarhizium anisopliae*  
     sensu lato 9326  
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     sensu lato 9328  
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     sensu lato 9329
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     sensu lato 9280  
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     sensu lato 9330  
 Thr-08-M41 *Metarhizium anisopliae*  
     sensu lato 9331  
 Thr-08-M42 *Metarhizium anisopliae*  
     sensu lato 9332  
 Thr-08-M43 *Metarhizium anisopliae*  
     sensu lato 9333  
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     sensu lato 9281  
 Thr-08-M6 *Metarhizium anisopliae*  
     sensu lato 9282  
 Thr-08-M7 *Metarhizium anisopliae*  
     sensu lato 9283  
 Thr-08-M8 *Metarhizium anisopliae*  
     sensu lato 9284  
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     sensu lato 9285  
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 EIAW 369 *Conidiobolus coronatus* 7010  
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 PLH3284ows *Zoophthora radicans* 4520
- Groden, Eleanor**  
 Ant 1 / Bio 1 *Beauveria brongniartii*  
     7058  
 Ant 3 / Bio 1 *Metarhizium anisopliae*  
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 AR12 *Beauveria bassiana* 8405  
 AR16 *Beauveria bassiana* 8406  
 AR17 *Beauveria* sp. 12355  
 AR18 *Beauveria bassiana* 8407  
 AR24 *Beauveria bassiana* 8408  
 AR6 *Beauveria bassiana* 8403  
 AR7 *Beauveria bassiana* 8404  
 AR9 *Beauveria* sp. 12354  
 DM1 *Beauveria* sp. 12347  
 DM10 *Beauveria bassiana* 9559  
 DM2 *Beauveria bassiana* 9558  
 DM22 *Beauveria* sp. 12350  
 DM24 *Beauveria bassiana* 9560  
 DM3 *Beauveria bassiana* 8395  
 DM8 *Beauveria* sp. 12348  
 DM9 *Beauveria* sp. 12349  
 DMA11 *Beauveria bassiana* 8397  
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 DMA36 *Beauveria bassiana* 9561  
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 DMA58 *Beauveria bassiana* 9563  
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 DMA7 *Beauveria bassiana* 8396  
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 DMA88 *Beauveria bassiana* 8402  
 DMA88 *Beauveria bassiana* 9564  
 DMA93 *Beauveria bassiana* 9562  
 DMA93 *Beauveria* sp. 12353
- DMA97 *Beauveria bassiana* 9565  
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 PA151 *Beauveria bassiana* 8388  
 PA160 *Beauveria bassiana* 8389  
 PA2 *Beauveria bassiana* 8383  
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 136 *Basidiobolus* sp. 11775  
 137 *Basidiobolus* sp. 11776  
 138 *Basidiobolus* sp. 11777  
 139 *Basidiobolus* sp. 11778  
 140 *Basidiobolus* sp. 11779  
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27 <i>Beauveria bassiana</i> 3311	00 MI 29-1-1 <i>Entomophaga maimaiga</i> 7109	03 MA 3-2-5 <i>Entomophaga maimaiga</i> 7138
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9 <i>Metarhizium anisopliae</i> sensu lato 3293	00 MI 33-2-2 <i>Entomophaga maimaiga</i> 7111	03 NY 7-3-2 <i>Conidiobolus thromboïdes</i> 7210
<b>Guzman-Franco, Ariel</b>	00 MI 4-2-1 <i>Entomophaga maimaiga</i> 6653	03 NY 7-3-3 <i>Conidiobolus thromboïdes</i> 7211
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15(6) <i>Hirsutella</i> sp. 11757	001-TB <i>Entomophaga maimaiga</i> 3829	03 NY 7-4-1 <i>Pandora neoaphidis</i> 7213
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<b>Hajek, Ann E.</b>	01 JP 4-11-2 <i>Entomophaga maimaiga</i> 7112	03 PA 1-1-2 <i>Entomophaga maimaiga</i> 7122
00 MI 3-2-2 <i>Entomophaga maimaiga</i> 6724	01 JP 4-11-3 <i>Entomophaga maimaiga</i> 7113	03 PA 1-1-5 <i>Entomophaga maimaiga</i> 7190
00 MI 12-2-1 <i>Entomophaga maimaiga</i> 6666	01 JP 4-12-1 <i>Entomophaga maimaiga</i> 7114	03 PA 2-1-1 <i>Entomophaga maimaiga</i> 7131
00 MI 12-2-2 <i>Entomophaga maimaiga</i> 6667	01 JP 4-12-2 <i>Entomophaga maimaiga</i> 7105	03 PA 3-1-1 <i>Entomophaga maimaiga</i> 7132
00 MI 12-2-3 <i>Entomophaga maimaiga</i> 6668	01 JP 4-12-3 <i>Entomophaga maimaiga</i> 7116	03 PA 4-1-1 <i>Entomophaga maimaiga</i> 7133
00 MI 17-1-1 <i>Entomophaga maimaiga</i> 6627	02 CN 1-1-1 <i>Entomophaga maimaiga</i> 7139	03 PA 5-1-1 <i>Entomophaga maimaiga</i> 7134
00 MI 17-1-2 <i>Entomophaga maimaiga</i> 6728	02 CN 1-2-1 <i>Entomophaga maimaiga</i> 7183	03 PA 5-1-5 <i>Entomophaga maimaiga</i> 7352
00 MI 17-2-1 <i>Entomophaga maimaiga</i> 6729	02 CN 1-2-2 <i>Entomophaga maimaiga</i> 7184	03 PA 6-1-1 <i>Entomophaga maimaiga</i> 7135
00 MI 18-2-1 <i>Entomophaga maimaiga</i> 6654	02 NY 5-6-1 <i>Isaria farinosa</i> 8411	03 PA 6-1-4 <i>Entomophaga maimaiga</i> 7353
00 MI 19-1-1 <i>Entomophaga maimaiga</i> 6628	03 JP 5-1-1 <i>Entomophaga maimaiga</i> 7185	
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00 MI 2-1-1 <i>Entomophaga maimaiga</i> 6652		
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03 PA 7-1-1 <i>Entomophaga maimaiga</i>	94 VA4-3A <i>Entomophaga maimaiga</i> 6218	98 JP2-14B <i>Entomophaga maimaiga</i>
7136	94 VA8-1A <i>Entomophaga maimaiga</i> 6169	6256
03 RU 1-1-1 <i>Entomophaga maimaiga</i>	94 WV1-1A <i>Entomophaga maimaiga</i>	98 JP2-21A <i>Entomophaga maimaiga</i>
7127	6168	6267
04 NY 1-1-1 <i>Entomophthora muscae</i>	94b <i>Isaria farinosa</i> 3518	98 JP2-22A <i>Entomophaga maimaiga</i>
7371	94VA2-2A <i>Entomophaga maimaiga</i> 5566	6257
04 NY 9-1-1 <i>Batkoia</i> sp. 7370	94VA2-2B <i>Entomophaga maimaiga</i> 5567	98 JP2-22B <i>Entomophaga maimaiga</i>
1 <i>Isaria farinosa</i> 3664	95a <i>Isaria farinosa</i> 3519	6223
1 <i>Beauveria brongniartii</i> 6213	96 MD A2-1 <i>Entomophaga maimaiga</i>	98 JP2-22B <i>Entomophaga maimaiga</i>
102a <i>Isaria farinosa</i> 3520	5377	6264
11 <i>Fusarium polyphialidicum</i> 3695	96 MD A2-2 <i>Entomophaga maimaiga</i>	98 JP2-4A <i>Entomophaga maimaiga</i> 6253
114 <i>Fusarium polyphialidicum</i> 3692	5378	98 JP2-5A <i>Entomophaga maimaiga</i> 6212
128b <i>Isaria farinosa</i> 3521	96 MD B2-1 <i>Entomophaga maimaiga</i>	98 JP2-5B <i>Entomophaga maimaiga</i> 6163
130 <i>Lecanicillium muscarium</i> 3600	5379	98 JP2-9A <i>Entomophaga maimaiga</i> 6162
140a <i>Isaria farinosa</i> 3522	96 MD B2-2 <i>Entomophaga maimaiga</i>	98 JP3-5A <i>Entomophaga maimaiga</i> 6171
145b <i>Isaria farinosa</i> 3523	5380	98 JP3-5B <i>Entomophaga maimaiga</i> 6172
146 <i>Isaria farinosa</i> 3596	96 MD B2-3 <i>Entomophaga maimaiga</i>	98 JP3-8A <i>Entomophaga maimaiga</i> 6258
149 <i>Isaria farinosa</i> 3597	5381	98 JP3-8B <i>Entomophaga maimaiga</i> 6265
166a <i>Isaria farinosa</i> 3524	96 MD B2-4 <i>Entomophaga maimaiga</i>	98 JP3-9A <i>Entomophaga maimaiga</i> 6266
167a <i>Fusarium</i> sp. 3532	5382	98 JP3-9B <i>Entomophaga maimaiga</i> 6268
18 <i>Beauveria pseudobassiana</i> 3405	96 MD B2-4 <i>Entomophaga maimaiga</i>	98 MA2-14A <i>Entomophaga maimaiga</i>
18b <i>Isaria farinosa</i> 3493	6161	6005
1b <i>Isaria farinosa</i> 3490	96 MD B2-5 <i>Entomophaga maimaiga</i>	98 MA2-14B <i>Entomophaga maimaiga</i>
203b <i>Isaria farinosa</i> 3525	5383	6272
216b <i>Isaria farinosa</i> 3526	96 MD B2-6 <i>Entomophaga maimaiga</i>	98 MA2-2A <i>Entomophaga maimaiga</i>
21a <i>Isaria farinosa</i> 3494	5384	6269
220b <i>Beauveria bassiana</i> 3530	96 MD C2-1 <i>Entomophaga maimaiga</i>	98 MA2-2B <i>Entomophaga maimaiga</i>
23 <i>Isaria farinosa</i> 3665	5385	6270
24 <i>Beauveria bassiana</i> 3404	96 MD D2-1 <i>Entomophaga maimaiga</i>	98 MA2-6A <i>Entomophaga maimaiga</i>
26 <i>Fusarium polyphialidicum</i> 3696	5386	6271
26a <i>Isaria farinosa</i> 3495	96 MD D2-2 <i>Entomophaga maimaiga</i>	98 MA2-8A <i>Entomophaga maimaiga</i>
27 <i>Isaria farinosa</i> 3666	5387	6004
298b <i>Isaria farinosa</i> 3533	96 MD E2-1 <i>Entomophaga maimaiga</i>	98MA2-4A <i>Entomophaga maimaiga</i>
2A <i>Beauveria brongniartii</i> 6214	5388	6051
325 <i>Fusarium polyphialidicum</i> 3693	96 MD E2-2 <i>Entomophaga maimaiga</i>	98MA2-4B <i>Entomophaga maimaiga</i> 6052
325 <i>Fusarium polyphialidicum</i> 3694	5389	98MA2-6B <i>Entomophaga maimaiga</i> 6105
32c <i>Isaria farinosa</i> 3496	96 MD F2-1 <i>Entomophaga maimaiga</i>	98MA2-8B <i>Entomophaga maimaiga</i> 6106
35 <i>Isaria farinosa</i> 3595	5390	98MI1-1A <i>Entomophaga maimaiga</i> 6053
363 <i>Lecanicillium muscarium</i> 3601	96 NY B2 <i>Entomophaga maimaiga</i> 5391	98MI1-1B <i>Entomophaga maimaiga</i> 6054
36a <i>Isaria farinosa</i> 3497	96 NY C2 <i>Entomophaga maimaiga</i> 5392	98MI1-2A <i>Entomophaga maimaiga</i> 6006
370 <i>Isaria farinosa</i> 3598	96 NY C3 <i>Entomophaga maimaiga</i> 5393	98MI1-2B <i>Entomophaga maimaiga</i> 6007
37c <i>Isaria farinosa</i> 3498	96 NY D1 <i>Entomophaga maimaiga</i> 5394	99 MI 21 <i>Entomophaga maimaiga</i> 7115
3A <i>Beauveria brongniartii</i> 6215	96 NY D2 <i>Entomophaga maimaiga</i> 5395	99 MI 27 <i>Entomophaga maimaiga</i> 7102
438 <i>Isaria farinosa</i> 3599	96 NY D3 <i>Entomophaga maimaiga</i> 5396	99 MI 28-1 <i>Entomophaga maimaiga</i> 7106
47b <i>Isaria farinosa</i> 3500	96 NY E1 <i>Entomophaga maimaiga</i> 5397	99 MI 5-1 <i>Entomophaga maimaiga</i> 7101
49b <i>Isaria farinosa</i> 3501	96 NY E2 <i>Entomophaga maimaiga</i> 5398	99 MI9-1A <i>Entomophaga maimaiga</i> 6523
4a <i>Isaria farinosa</i> 3491	96 NY E3 <i>Entomophaga maimaiga</i> 5399	99 MI9-2A <i>Entomophaga maimaiga</i> 6524
52b <i>Isaria farinosa</i> 3502	96 NY F1 <i>Entomophaga maimaiga</i> 5400	99 WV2-2A <i>Entomophaga maimaiga</i>
53a <i>Isaria farinosa</i> 3503	96 NY F3 <i>Entomophaga maimaiga</i> 5401	6173
54b <i>Isaria farinosa</i> 3504	96MA1-1A <i>Entomophaga maimaiga</i>	99 WV2-2B <i>Entomophaga maimaiga</i>
57b <i>Isaria farinosa</i> 3505	5563	6174
58a <i>Beauveria bassiana</i> 3527	96MA1-1B <i>Entomophaga maimaiga</i> 5564	99 WV2-2C <i>Entomophaga maimaiga</i>
5B <i>Beauveria bassiana</i> 6216	96MA1-1C <i>Entomophaga maimaiga</i> 5711	6170
61c <i>Beauveria pseudobassiana</i> 3528	96VA9-1A <i>Entomophaga maimaiga</i> 5569	9b <i>Isaria farinosa</i> 3492
62a <i>Isaria farinosa</i> 3506	96VA9-1B <i>Entomophaga maimaiga</i> 5570	A-OV <i>Entomophaga aulicae</i> 4004
64a <i>Isaria farinosa</i> 3507	97VA10-1A <i>Entomophaga maimaiga</i>	B-20MD#2 <i>Entomophaga maimaiga</i>
68c <i>Isaria farinosa</i> 3508	5568	4545
6B <i>Beauveria bassiana</i> 6217	97VA10-1B <i>Entomophaga maimaiga</i>	BFMS <i>Beauveria bassiana</i> 3667
73a <i>Beauveria pseudobassiana</i> 3529	5571	C.i.-2 <i>Entomophaga maimaiga</i> 4505
91a <i>Isaria farinosa</i> 3517	98 JP2-10A <i>Entomophaga maimaiga</i>	C.i.-3 <i>Entomophaga maimaiga</i> 4506
92-165 <i>Fusarium polyphialidicum</i> 3916	6254	C.i.-4 <i>Entomophaga maimaiga</i> 4507
92NJ1-1A <i>Entomophaga maimaiga</i> 5565	98 JP2-10B <i>Entomophaga maimaiga</i>	Ci-1 <i>Entomophaga maimaiga</i> 4504
92NJ1-1B <i>Entomophaga maimaiga</i> 5572	6224	CTIV-3 <i>Entomophaga maimaiga</i> 2775
93a <i>Lecanicillium muscarium</i> 3531	98 JP2-14A <i>Entomophaga maimaiga</i>	D-OV <i>Entomophaga aulicae</i> 4008
94 NY1-4A <i>Entomophaga maimaiga</i>	6255	E.M.F. #3 <i>Fusarium polyphialidicum</i>
4549		3694

FS6 *Metarhizium brunneum* 8415  
I.A.-3 *Entomophaga maimaiga* 4510  
I.S. 4 *Entomophaga maimaiga* 4549  
I.S. 5 *Entomophaga maimaiga* 4550  
I.S. 6 *Entomophaga maimaiga* 4551  
I.S.-1 *Entomophaga maimaiga* 4508  
I.S.-2 *Entomophaga maimaiga* 4509  
L1 *Entomophaga maimaiga* 3052  
L3 *Entomophaga maimaiga* 3053  
Q2k953 *Beauveria bassiana* 8412  
Red b (40) *Isaria farinosa* 3499  
ST2 *Beauveria bassiana* 8413  
VA - A *Entomophaga maimaiga* 4552  
VA - C *Entomophaga maimaiga* 4553  
VA - E *Entomophaga maimaiga* 4554  
VA - F *Entomophaga maimaiga* 4555  
VA-IVY *Entomophaga maimaiga* 6169  
VD-1 *Metarhizium brunneum* 7234  
VD3 *Metarhizium brunneum* 8416  
VD7 *Metarhizium brunneum* 8417  
VD8 *Metarhizium brunneum* 8418  
VD9 *Metarhizium brunneum* 8419  
WU18 *Scopulariopsis* sp. 8422  
WU19 *Metarhizium pingshaense* 8420  
WU21 *Scopulariopsis* sp. 8423  
WU50 *Beauveria bassiana* 8414  
WU6 *Scopulariopsis* sp. 8421

**Hanula, James**

C-1 *Verticillium insectorum* 3715  
C-2 *Beauveria bassiana* 3716  
C-3 *Beauveria bassiana* 3717  
C-4 *Cordyceps* sp. 3718  
C-5 *Metarhizium anisopliae* sensu lato  
3713  
C-5 Unidentified sp. 3714  
W-2 Unidentified sp. 3719

**Harrington, F.A.**

FH121 *Aschersonia* sp. 5215

**Harvell, C. Drew**

15B1 *Aspergillus sydowii* 8382  
AS16 *Aspergillus sydowii* 8379  
AS17 *Aspergillus sydowii* 8380  
AS18 *Aspergillus sydowii* 8381  
AS29 *Aspergillus sydowii* 8382  
FK11 *Aspergillus sydowii* 8379  
SA25 *Aspergillus sydowii* 8381  
SS7 *Aspergillus sydowii* 8380

**Hatting, Justin**

A *Conidiobolus thrombooides* 4968

**Hatting, Justin L.**

1 *Evlachovaea* sp. 5703  
10193 *Cladosporium* sp. 11866  
14 *Beauveria bassiana* 6612  
17 *Beauveria bassiana* 6613  
17 *Beauveria bassiana* 6614  
2 *Beauveria bassiana* 5704  
2 *Isaria fumosorosea* 6610  
4 *Lecanicillium lecanii* 5706  
5 *Pandora neoaphidis* 5707  
6 *Pandora neoaphidis* 5708  
B *Fusarium* sp. 4969  
Field 1012 *Fusarium* sp. 7046  
Field 934 *Fusarium* sp. 7045

Lesotho A *Isaria farinosa* 6609  
MSIRI 58 *Acremonium* sp. 11667  
PPRI 6688 *Beauveria bassiana* 5705  
Sample A *Cladosporium* sp. 6226  
Sample B *Isaria farinosa* 6607  
Sample G *Zoophthora radicans* 6605  
SGI-914 *Fusarium* sp. 11865  
SGI-915 *Conidiobolus* sp. 11867  
TPC 019 Unidentified / Hyphomycetes  
11666

**Henk, Daniel A.**

DAH 093 *Septobasidium apiculatum*  
7096  
DAH 129A *Septobasidium burtii* 7097  
DAH 129B *Septobasidium burtii* 7098  
dah11DG1 *Basidiobolus* sp. 9887  
dah6DL1 *Basidiobolus* sp. 9888  
dah8TM1 *Basidiobolus* sp. 9889  
dahBR17 *Basidiobolus* sp. 9890  
dahBR2 *Basidiobolus* sp. 9891  
dahBR4 *Basidiobolus* sp. 9892  
dahBR5 *Basidiobolus* sp. 9893  
dahCH1 *Basidiobolus* sp. 9894  
dahCH10 *Basidiobolus* sp. 9895  
dahCH4 *Basidiobolus* sp. 9896  
dahOWT1 *Basidiobolus* sp. 9897  
dahOWT2 *Basidiobolus* sp. 9898  
dahOWT3 *Basidiobolus* sp. 9899  
dahSAR2A *Basidiobolus* sp. 9900  
dahSAR3A *Basidiobolus* sp. 9901  
dahSAR4A *Basidiobolus* sp. 9902  
dahT14 *Basidiobolus* sp. 9903  
dahT53 *Basidiobolus* sp. 9904  
dahT90 *Basidiobolus* sp. 9905  
dahTF3 *Basidiobolus* sp. 9906  
dahTF6 *Basidiobolus* sp. 9907  
dahTF8 *Basidiobolus* sp. 9908  
dahTPOO1 *Basidiobolus* sp. 9909  
dahU22 *Basidiobolus* sp. 9910  
dahU71 *Basidiobolus* sp. 9911  
dahU84 *Basidiobolus* sp. 9912

**Henry, John E.**

118 *Sorosporella* sp. 377

**Hernández Ramírez, Juan**

1 *Mucor* sp. 3535  
2 Unidentified sp. 3536

**Herrera Navarro, Eliú**

V.l. - Colima *Lecanicillium longisporum*  
8042  
V.l. - UAM *Lecanicillium muscarium*  
8041  
V3 - Aphid *Cylindrocarpon* sp. 8043  
V3 - Leps *Cylindrocarpon* sp. 8044

**Hicks, Barry J.**

1 *Beauveria bassiana* 6177  
2 *Beauveria bassiana* 6178  
3 *Batkoia* sp. 6179  
A *Beauveria bassiana* 6100  
B *Beauveria bassiana* 6101

**Ho, T.**

Sol-1 *Metarhizium flavoviride* var. *minus*  
1773  
Sol-11 *Metarhizium flavoviride* var. *minus*  
1772  
Sol-14 *Metarhizium flavoviride* var. *minus*  
1769  
Sol-17 *Metarhizium flavoviride* var. *minus*  
1767  
Sol-28 *Metarhizium flavoviride* var. *minus*  
1765  
Sol-3 *Metarhizium flavoviride* var. *minus*  
1764  
Sol-30 *Metarhizium flavoviride* var. *minus*  
1770  
Sol-31 *Metarhizium flavoviride* var. *minus*  
1763  
Sol-4 *Metarhizium flavoviride* var. *minus*  
1771  
Sol-5 *Metarhizium flavoviride* var. *minus*  
1766  
Sol-7 *Metarhizium flavoviride* var. *minus*  
1768

**Hodge, Kathie T.**

1 *Harposporium anguillulae* 5407  
10 *Monacrosporium ellipsosporum* 3723  
A *Harposporium anguillulae* 5408  
B *Harposporium anguillulae* 5409  
C1 *Cordyceps militaris* 4081  
C2 *Cordyceps militaris* 4082  
C3 *Cordyceps militaris* 4083  
C4 *Cordyceps militaris* 4084  
D1 *Cordyceps militaris* 4085  
D2 *Cordyceps militaris* 4086  
D3 *Cordyceps militaris* 4087  
D4 *Cordyceps militaris* 4088  
D5 *Cordyceps militaris* 4089  
FAH121 *Aschersonia* sp. 5215  
kth11 *Tolyphocladium inflatum* 3790  
kth12 *Isaria farinosa* 4090  
kth13 *Ophiocordyceps variabilis* 4080  
kth14 *Lecanicillium flavidum* 4519  
kth24 *Beauveria bassiana* 4688  
kth27 *Polycephalomyces tomentosus*  
5353  
kth28a *Cordyceps militaris* 4838  
kth28b *Cordyceps militaris* 4839  
kth28c *Cordyceps militaris* 4840  
kth28d *Cordyceps militaris* 4841  
kth28e *Cordyceps militaris* 4842  
kth29a *Elaphocordyceps ophioglossoides*  
4826  
kth29b *Elaphocordyceps ophioglossoides*  
4827  
kth29c *Elaphocordyceps ophioglossoides*  
4828  
kth29d *Elaphocordyceps ophioglossoides*  
4829  
kth29e *Elaphocordyceps ophioglossoides*  
4830  
kth29f *Elaphocordyceps ophioglossoides*  
4831  
kth29g *Elaphocordyceps ophioglossoides*  
4832  
kth29h *Elaphocordyceps ophioglossoides*  
4833

## Alternate Collections

**Hodge, Kathie T.  
Holdom, David G.**

- kth29i *Elaphocordyceps ophioglossoides* 4834  
 kth29j *Elaphocordyceps ophioglossoides* 4835  
 kth29k *Elaphocordyceps ophioglossoides* 4836  
 kth29l *Elaphocordyceps ophioglossoides* 4837  
 kth30A *Tolyocladium inflatum* 4877  
 kth30B *Tolyocladium inflatum* 4878  
 kth30C *Tolyocladium inflatum* 4879  
 kth30D *Tolyocladium inflatum* 4880  
 kth30E *Tolyocladium inflatum* 4881  
 kth30F *Tolyocladium inflatum* 4882  
 kth30G *Tolyocladium inflatum* 4883  
 kth30H *Tolyocladium inflatum* 4884  
 kth30I *Tolyocladium inflatum* 4885  
 kth30J *Tolyocladium inflatum* 4886  
 kth30K *Tolyocladium inflatum* 4887  
 kth30L *Tolyocladium inflatum* 4888  
 kth30M *Tolyocladium inflatum* 4889  
 kth30N *Tolyocladium inflatum* 4890  
 kth30O *Tolyocladium inflatum* 4891  
 kth30P *Tolyocladium inflatum* 4892  
 kth30Q *Tolyocladium inflatum* 4893  
 kth30R *Tolyocladium inflatum* 4894  
 kth30S *Tolyocladium inflatum* 4895  
 kth30T *Tolyocladium inflatum* 4896  
 kth30U *Tolyocladium inflatum* 4897  
 kth30V *Tolyocladium inflatum* 4898  
 kth31A-1 *Cordyceps militaris* 5002  
 kth31A-10 *Cordyceps militaris* 5011  
 kth31A-2 *Cordyceps militaris* 5003  
 kth31A-3 *Cordyceps militaris* 5004  
 kth31A-4 *Cordyceps militaris* 5005  
 kth31A-5 *Cordyceps militaris* 5006  
 kth31A-6 *Cordyceps militaris* 5007  
 kth31A-7 *Cordyceps militaris* 5008  
 kth31A-8 *Cordyceps militaris* 5009  
 kth31A-9 *Cordyceps militaris* 5010  
 kth31C-1 *Cordyceps militaris* 5012  
 kth31C-10 *Cordyceps militaris* 5021  
 kth31C-2 *Cordyceps militaris* 5013  
 kth31C-3 *Cordyceps militaris* 5014  
 kth31C-4 *Cordyceps militaris* 5015  
 kth31C-5 *Cordyceps militaris* 5016  
 kth31C-6 *Cordyceps militaris* 5017  
 kth31C-7 *Cordyceps militaris* 5018  
 kth31C-8 *Cordyceps militaris* 5019  
 kth31C-9 *Cordyceps militaris* 5020  
 kth31D-1 *Cordyceps militaris* 5022  
 kth31D-10 *Cordyceps militaris* 5031  
 kth31D-2 *Cordyceps militaris* 5023  
 kth31D-3 *Cordyceps militaris* 5024  
 kth31D-4 *Cordyceps militaris* 5025  
 kth31D-5 *Cordyceps militaris* 5026  
 kth31D-6 *Cordyceps militaris* 5027  
 kth31D-7 *Cordyceps militaris* 5028  
 kth31D-8 *Cordyceps militaris* 5029  
 kth31D-9 *Cordyceps militaris* 5030  
 kth31E-1 *Cordyceps militaris* 5032  
 kth31E-10 *Cordyceps militaris* 5041  
 kth31E-11 *Cordyceps militaris* 5042  
 kth31E-2 *Cordyceps militaris* 5033  
 kth31E-3 *Cordyceps militaris* 5034  
 kth31E-4 *Cordyceps militaris* 5035  
 kth31E-5 *Cordyceps militaris* 5036  
 kth31E-6 *Cordyceps militaris* 5037  
 kth31E-7 *Cordyceps militaris* 5038  
 kth31E-8 *Cordyceps militaris* 5039  
 kth31E-9 *Cordyceps militaris* 5040  
 kth31F-1 *Cordyceps militaris* 5043  
 kth31F-10 *Cordyceps militaris* 5052  
 kth31F-2 *Cordyceps militaris* 5044  
 kth31F-3 *Cordyceps militaris* 5045  
 kth31F-4 *Cordyceps militaris* 5046  
 kth31F-5 *Cordyceps militaris* 5047  
 kth31F-6 *Cordyceps militaris* 5048  
 kth31F-7 *Cordyceps militaris* 5049  
 kth31F-8 *Cordyceps militaris* 5050  
 kth31F-9 *Cordyceps militaris* 5051  
 kth31G-1 *Cordyceps militaris* 5053  
 kth31G-10 *Cordyceps militaris* 5062  
 kth31G-2 *Cordyceps militaris* 5054  
 kth31G-3 *Cordyceps militaris* 5055  
 kth31G-4 *Cordyceps militaris* 5056  
 kth31G-5 *Cordyceps militaris* 5057  
 kth31G-6 *Cordyceps militaris* 5058  
 kth31G-7 *Cordyceps militaris* 5059  
 kth31G-8 *Cordyceps militaris* 5060  
 kth31G-9 *Cordyceps militaris* 5061  
 kth32a *Isaria tenuipes* 5134  
 kth32b *Isaria tenuipes* 5135  
 kth50a *Ophiocordyceps variabilis* 5365  
 kth50b *Ophiocordyceps variabilis* 5366  
 kth50d *Ophiocordyceps variabilis* 5414  
 kth50f *Ophiocordyceps variabilis* 5415  
 kth50g *Ophiocordyceps variabilis* 5416  
 kth50h *Ophiocordyceps variabilis* 5417  
 kth50i *Ophiocordyceps variabilis* 5418  
 kth50j *Ophiocordyceps variabilis* 5419  
 kth50k *Ophiocordyceps variabilis* 5420  
 kth50l *Ophiocordyceps variabilis* 5421  
 kth50m *Ophiocordyceps variabilis* 5422  
 kth50n *Ophiocordyceps variabilis* 5423  
 kth50o *Ophiocordyceps variabilis* 5424  
 kth50p *Ophiocordyceps variabilis* 5425  
 kth50q *Ophiocordyceps variabilis* 5426  
 kth50r *Ophiocordyceps variabilis* 5427  
 kth50s *Ophiocordyceps variabilis* 5428  
 kth50t *Ophiocordyceps variabilis* 5429  
 kth51a *Ophiocordyceps variabilis* 5367  
 kth9 *Mariannaea elegans* 5338  
 PR12 *Aschersonia* sp. 7073  
 PR14 Unidentified / Hyphomycetes 7074  
 PR16 *Paecilomyces* sp. 7075  
 PR22 Unidentified / Hyphomycetes 7076  
 PR23 *Aschersonia* sp. 7077  
 PR31 Unidentified / Hyphomycetes 7078  
 PR32 *Beauveria* sp. 7079  
 PR33 *Aschersonia turbinata* 7080  
 PR34 Unidentified / Hyphomycetes 7081  
 PR42 *Aschersonia* sp. 7082  
 PR51 *Aschersonia* sp. 7083  
 PR52 *Aschersonia* sp. 7084  
 PR58 *Aschersonia* sp. 7085  
 PR58A Unidentified / Hyphomycetes 7086  
 PR7 Unidentified sp. 7070  
 PR71 *Aschersonia* sp. 7087  
 PR72 *Torrubiella* sp. 7088  
 PR73 *Balansia* sp. 7089  
 PR74 *Clavicipitaceae* anamorph 7090  
 PR75 *Aschersonia* sp. 7091  
 PR76 *Aschersonia* sp. 7092  
 PR8 *Aschersonia* sp. 7071  
 PR9 *Tilachlidium* sp. 7072  
 U0043 *Aschersonia* sp. 5216  
 U0268t *Tolyocladium lignicola* 5218  
 WOZ B *Syngliocladium* sp. 5217
- Holdom, David G.**  
 020286 *Pandora delphacis* 2095  
 030189-1 *Metarhizium anisopliae* sensu lato 7926  
 030386-1 *Lecanicillium lecanii* 2149  
 030386-2 *Lecanicillium lecanii* 2150  
 050187-1 *Hirsutella citriformis* 2420  
 050187-5 *Metarhizium anisopliae* sensu stricto 2421  
 060286 *Pandora delphacis* 2096  
 080287-1 *Metarhizium anisopliae* sensu lato 2424  
 080287-2 *Isaria fumosorosea* 2425  
 080287-3 *Hirsutella citriformis* 2426  
 10 *Hirsutella citriformis* 1917  
 100286-2 *Unidentified* 2146  
 100286-3 *Metarhizium pingshaense* 2106  
 100287-2a *Beauveria bassiana* 2427  
 11 *Hirsutella citriformis* 1918  
 12 *Hirsutella citriformis* 1919  
 130286 *Erynia* sp. 2097  
 130286-3 *Metarhizium anisopliae* sensu lato 2105  
 130287-2 *Zoophthora radicans* 2411  
 170287-1 *Hirsutella citriformis* 2428  
 180186 *Fusarium coccophilum* 2098  
 180286 *Unidentified* 2132  
 2 *Conidiobolus coronatus* 1876  
 200186-2 *Pandora delphacis* 2091  
 260186-1 *Pandora delphacis* 2092  
 260186-2 *Pandora delphacis* 2093  
 270186 *Pandora delphacis* 2094  
 280186-1 *Hirsutella citriformis* 2099  
 280186-2 *Hirsutella citriformis* 2100  
 280186-3 *Hirsutella citriformis* 2101  
 280186-4 *Hirsutella citriformis* 2102  
 280186-5 *Hirsutella citriformis* 2103  
 300187 *Zoophthora radicans* 2410  
 310187-1 *Pandora delphacis* 2409  
 310187-4 *Hirsutella citriformis* 2422  
 310187-5 *Hirsutella citriformis* 2423  
 900118-01 *Paraisaria dubia* 5764  
 980203-02 *Pseudogibellula formicarum* 5765  
 980203-03 *Pseudogibellula formicarum* 5766  
 UQE-15 *Entomophthora chromaphidis* 1862  
 UQE-2-2 *Entomophthora chromaphidis* 1860  
 UQE-21 *Entomophthora chromaphidis* 1863

**Hollingsworth, Robert G.**

- GHA reference *Beauveria bassiana* 8713
- H1 *Beauveria bassiana* 8704
- H10 *Beauveria bassiana* 8711
- H11 *Beauveria bassiana* 8712
- H2 *Beauveria bassiana* 8705
- H3 *Beauveria bassiana* 8706
- H4 *Beauveria bassiana* 8707
- H5 *Beauveria bassiana* 8708
- H6 *Beauveria bassiana* 8709
- H9 *Beauveria bassiana* 8710
- KNF002-11 *Paecilomyces reniformis* 7041
- KNF2001-10 *Acremonium(?)* sp. 7031
- KNF2001-7 *Beauveria bassiana* 7030
- KNF2002-1 *Beauveria kipukae* 7032
- KNF2002-10 *Paecilomyces reniformis* 7040
- KNF2002-13 *Sporothrix* sp. 7042
- KNF2002-3 *Cladosporium cladosporioides(?)* 7033
- KNF2002-4 *Lecanicillium muscarium* 7034
- KNF2002-5 *Cladosporium* sp. 7035
- KNF2002-6 *Acremonium(?)* sp. 7036
- KNF2002-7 *Lecanicillium muscarium* 7037
- KNF2002-8 *Sporothrix* sp. 7038
- KNF2002-9 *Cladosporium* sp. 7039

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- 1.72 *Lecanicillium longisporum* 5126
- 16.75 *Verticillium lecanii* 5127
- 19.79 *Lecanicillium muscarium* 5128
- 26.79 *Verticillium lecanii* 5129
- 336.92 *Verticillium lecanii* 5130
- 339.92 *Verticillium lecanii* 5131
- 343.92 *Verticillium lecanii* 5132
- 382.93 *Verticillium lecanii* 5133

**Hostetter, Donald L.**

- T090 *Beauveria bassiana* 5148
- T100 *Metarhizium robertsii* 5149
- T103 *Beauveria bassiana* 5150

**Huang, Bo**

- 3-litter-1 A *Conidiobolus adiaeetus* 8320
- B1 *Conidiobolus* sp. 7942
- B4 Unidentified / Zygomycetes 7943
- G-S-2 *Isaria catenulata* 8310
- GSM3-L-1C1 *Conidiobolus* sp. 8313
- GSM3-L-1C2 *Conidiobolus* sp. 8314
- L051115B3 *Conidiobolus stromoideus* 8430
- L051115B8 *Conidiobolus iuxtagenitus* 7944
- L051203L2 *Basidiobolus haptosporus* 8307
- L060401C1 *Basidiobolus ranarum* 8308
- L060407A2 *Basidiobolus haptosporus* 8309
- M051114A1 *Conidiobolus adiaeetus* 8427
- M051114A3 *Conidiobolus* sp. 8429
- S051114A2 *Conidiobolus megalotocus* 8428

**Hudson, Neal**

- GmMa1 *Metarhizium anisopliae* sensu lato 8319
- NI8 *Beauveria bassiana* 8317
- SfBb1 *Beauveria bassiana* 8318

**Humber, Richard A.**

- 1 *Ramicandelaber longisporus* 6327
- 10 *Ramicandelaber longisporus* 6336
- 11 *Ramicandelaber longisporus* 6337
- 12 *Ramicandelaber longisporus* 6338
- 2 *Ramicandelaber longisporus* 6328
- 2A *Fusarium* sp. 7063
- 3 *Ramicandelaber longisporus* 6329
- 4 *Ramicandelaber longisporus* 6330
- 5 *Ramicandelaber longisporus* 6331
- 6 *Ramicandelaber longisporus* 6332
- 7 *Ramicandelaber longisporus* 6333
- 8 *Ramicandelaber longisporus* 6334
- 9 *Ramicandelaber longisporus* 6335
- Fus. Wal *Fusarium* sp. 1828

**Hung-Kei, Li**

- A *Beauveria bassiana* 708
- E *Beauveria bassiana* 709

**Hural, Kirsten**

- Au-1 *Pandora neoaphidis* 2762
- Au-10 *Pandora neoaphidis* 2766
- Au-11 *Pandora neoaphidis* 2768
- Au-14 *Pandora neoaphidis* 2767
- Au-15 *Pandora neoaphidis* 2757
- Au-17 *Pandora neoaphidis* 2784
- Au-20 *Pandora neoaphidis* 2781
- Au-21 *Pandora neoaphidis* 2769
- Au-24 *Pandora neoaphidis* 2848
- Au-26 *Pandora neoaphidis* 2838
- Au-27 *Pandora neoaphidis* 2839
- Au-28 *Pandora neoaphidis* 2837
- Au-29 *Pandora neoaphidis* 2847
- Au-30 *Pandora neoaphidis* 2855
- Au-4 *Pandora neoaphidis* 2854
- Au-6 *Pandora neoaphidis* 2761
- Au-7 *Pandora neoaphidis* 2754
- Au-8 *Pandora neoaphidis* 2760
- EW-5 *Pandora neoaphidis* 2868
- Fe-2 *Pandora neoaphidis* 2782
- FR-1 *Pandora neoaphidis* 2852
- FR-10 *Pandora neoaphidis* 2851
- FR-12 *Pandora neoaphidis* 2763
- FR-14 *Pandora neoaphidis* 2755
- FR-16 *Pandora neoaphidis* 2840
- FR-17 *Zoophthora occidentalis* 2841
- FR-18 *Pandora neoaphidis* 2842
- FR-19 *Pandora neoaphidis* 2844
- FR-20 *Pandora neoaphidis* 2845
- FR-21 *Pandora neoaphidis* 2846
- FR-22 *Pandora neoaphidis* 2853
- FR-23 *Pandora neoaphidis* 2865
- FR-24 *Pandora neoaphidis* 2866
- FR-25 *Pandora neoaphidis* 2867
- FR-26 *Pandora neoaphidis* 2872
- FR-4 *Pandora neoaphidis* 2773
- FR-7 *Pandora neoaphidis* 2758
- FR-8 *Pandora neoaphidis* 2870
- GF-2 *Batko* sp. 3130
- GF-3 *Batko* sp. 3131

**Hywel-Jones, Nigel**

- H84178-2 *Erynia conica* 1439

**IACR-Rothamsted**

- NW 231 *Pandora neoaphidis* 4934

**IBCB**

- 10 *Metarhizium anisopliae* sensu stricto 7981
- 348 *Metarhizium anisopliae* sensu stricto 7979
- CP 242 *Metarhizium anisopliae* sensu stricto 7980

**IFO**

- 33060 *Ophiocordyceps heteropoda* 6919

**IIBC**

- 186-280 *Hirsutella versicolor* 4512
- I88-370 *Hirsutella* sp. 4513
- I88-375 *Hirsutella* sp. 4515
- I88-377 *Metarhizium acridum* 3391
- I88-399 *Hirsutella* sp. 4514
- I91-602 *Hirsutella cryptosclerotium* 4517
- I94-916 *Ophiocordyceps bisporus* 4518
- IMI337439 *Hirsutella* sp. 4511

**IIITA**

- 184 *Beauveria bassiana* 5645
- 185 *Beauveria bassiana* 5646
- 188 *Metarhizium acridum* 6592
- 189 *Metarhizium flavoviride* var. *minus* 6593
- 190 *Metarhizium flavoviride* var. *minus* 6594
- 191 *Metarhizium flavoviride* var. *minus* 6595
- 192 *Metarhizium flavoviride* var. *minus* 6596
- 193 *Metarhizium acridum* 6597
- 194 *Metarhizium acridum* 6598
- 195 *Metarhizium flavoviride* var. *minus* 6599

## Alternate Collections

- 196 *Metarhizium acridum* 6600  
 197 *Metarhizium flavoviride* var. *minus*  
   6601  
 279 *Beauveria bassiana* 5647  
 295 *Beauveria bassiana* 5648  
 313 *Beauveria bassiana* 5649  
 478 *Beauveria bassiana* 5650  
 479 *Beauveria bassiana* 5651  
 480 *Beauveria bassiana* 5652  
 581 *Beauveria bassiana* 5653  
 583 *Beauveria bassiana* 5654  
 584 *Beauveria bassiana* 5655  
 82 *Beauveria bassiana*(?) 5644
- IMI**
- 012944 *Beauveria bassiana* 7758  
 014746 *Metarhizium brunneum* 2107  
 045541 *Myrothecium verrucaria* 7757  
 061345 *Beauveria bassiana* 7775  
 071 315 *Verticillium epiphytum* 5250  
 113863 *Metarhizium brunneum* 2042  
 118284 *Conidiobolus bangalorensis* 449  
 118287 *Basidiobolus haptosporus* var.  
   *minor* 8331  
 12942 *Beauveria bassiana* 2454  
 1298916 *Aspergillus parasiticus* 4129  
 1298917 *Aspergillus tamarii* 4127  
 1298918 *Aspergillus parasiticus* 4128  
 152222 *Metarhizium guizhouense* 3603  
 168777ii *Metarhizium anisopliae* sensu  
   lato 3127  
 168777ii *Metarhizium anisopliae* sensu  
   stricto 7487  
 170146 *Metarhizium flavoviride* 2133  
 170289 *Metarhizium brunneum* 1278  
 173199 *Beauveria bassiana* 7771  
 173201 *Beauveria bassiana* 7772  
 205309 *Synnematium jonesii* 5664  
 211910 *Pandora blunckii* 217  
 214110 *Nomuraea anemonoides* 2467  
 223216 *Spicellum ovalispora* 7759  
 225999 *Sporodiniella umbellata* 5222  
 228343 *Beauveria malawiensis* 7760  
 232818 *Beauveria brongniartii* 7761  
 251526 *Hirsutella kirchneri* 5551  
 252317 *Hirsutella necatrix* 5549  
 257456 *Hirsutella kirchneri* 5550  
 280342 *Culicinomyces clavisporus* 964  
 298059 *Metarhizium pingshaense* 3604  
 298915 *Aspergillus flavus* 4126  
 299982 *Metarhizium anisopliae* sensu  
   stricto 3621  
 300150 *Metarhizium album* 2082  
 303228 *Beauveria brongniartii* 7762  
 307969 *Hirsutella* sp. 2799  
 317421 *Aschersonia andropogonis* 7672  
 324673 *Metarhizium acridum* 3391  
 327906 *Beauveria bassiana* 2693  
 327908 *Beauveria bassiana* 2685  
 327909 *Beauveria bassiana* 2686  
 327910 *Beauveria bassiana* 2688  
 328059 *Beauveria varroae* 2694  
 329064 *Beauveria bassiana* 2689  
 329065 *Beauveria bassiana* 2690  
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   lato 4556  
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   *acridum* 3614  
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 2J *Hirsutella citriformis* 1249  
 3C(2) *Hirsutella citriformis* 1251  
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4B(a) <i>Hirsutella citriformis</i> 1254	Hr79a <i>Hirsutella</i> sp. 2795	12272
4C <i>Hirsutella citriformis</i> 1257	Hr79b <i>Hirsutella</i> sp. 2796	11D023 <i>Beauveria bassiana</i> sensu lato
5B <i>Hirsutella citriformis</i> 1258	Hr79c <i>Hirsutella</i> sp. 2797	12273
5C <i>Hirsutella citriformis</i> 1259	Hr79d <i>Hirsutella</i> sp. 2798	11KS001 <i>Beauveria bassiana</i> sensu lato
GA <i>Hirsutella citriformis</i> 1064	Hr80 <i>Hirsutella rhossiliensis</i> 2931	12274
O2III <i>Beauveria bassiana</i> 1270	Hr81 <i>Hirsutella rhossiliensis</i> 2932	11KS002 <i>Beauveria bassiana</i> sensu lato
Pal. 2 <i>Beauveria bassiana</i> 1269	Hr82 <i>Hirsutella rhossiliensis</i> 2933	12275
<b>JABB of the Carolinas Inc.</b>	Hr99 <i>Hirsutella rhossiliensis</i> 3765	11KS003 <i>Beauveria bassiana</i> sensu lato
HF23 <i>Beauveria bassiana</i> 7940	Lag3 <i>Aphanomyces</i> sp. 2005	12276
NC2 <i>Beauveria bassiana</i> 7941	LcD <i>Lagenidium caudatum</i> 2003	11KS004 <i>Beauveria bassiana</i> sensu lato
<b>Jaffee, Bruce A.</b>	M-19 <i>Drechmeria coniospora</i> 3346	12277
A01 <i>Arthrobotrys oligospora</i> 3347	MC127 <i>Monacrosporium cionopagum</i>	11KS005 <i>Beauveria bassiana</i> sensu lato
Ad3 <i>Drechslerella dactyloides</i> 2934	4943	12278
AK147 <i>Monacrosporium parvicolle</i> 4946	MK100a <i>Monacrosporium ellipsosporum</i>	11KS006 <i>Beauveria bassiana</i> sensu lato
AK161 <i>Arthrobotrys haptotyla</i> 5435	3731	12279
AK172 <i>Monacrosporium ellipsosporum</i>	MN101 <i>Arthrobotrys musiformis</i> 3730	11KS007 <i>Beauveria bassiana</i> sensu lato
5702	MN103 <i>Arthrobotrys oligospora</i> 3732	12280
AN133 <i>Monacrosporium eudematum</i>	TOC149 <i>Nematoctonus concurrens</i> 4947	11KS008 <i>Beauveria bassiana</i> sensu lato
4945	WPG <i>Leptolegnia</i> sp. 2004	12281
AN139 <i>Arthrobotrys musiformis</i> 4938	<b>James, Rosalind R.</b>	11KS009 <i>Beauveria bassiana</i> sensu lato
AN141 <i>Arthrobotrys oligospora</i> 4939	- <i>Ascospaera larvis</i> 7945	12282
AN142 <i>Arthrobotrys superba</i> 4940	+ <i>Ascospaera larvis</i> 7946	11KS010 <i>Beauveria bassiana</i> sensu lato
AN144 <i>Geniculifera paucispora</i> 4941	<b>Jaronski, Stefan T.</b>	12283
AN159 <i>Arthrobotrys thaumasia</i> 5434	11D001 <i>Beauveria bassiana</i> sensu lato	11KS011 <i>Beauveria bassiana</i> sensu lato
AN171 <i>Duddingtonia flagrans</i> 5701	12252	12284
Ca2 <i>Catenaria anguillulae</i> 2015	11D002 <i>Beauveria bassiana</i> sensu lato	11KS012 <i>Beauveria bassiana</i> sensu lato
CR106 <i>Drechslerella dactyloides</i> 3733	12253	12285
CR125 <i>Arthrobotrys brochopaga</i> 4937	11D004 <i>Beauveria bassiana</i> sensu lato	11KS013 <i>Beauveria bassiana</i> sensu lato
CR146 <i>Monacrosporium doedycoides</i>	12254	12286
4944	11D005 <i>Beauveria bassiana</i> sensu lato	11KS015 <i>Beauveria bassiana</i> sensu lato
CR157 <i>Drechslerella dactyloides</i> 5433	12255	12287
G20 <i>Monacrosporium cionopagum</i> 3349	11D006 <i>Beauveria bassiana</i> sensu lato	11KS016 <i>Beauveria bassiana</i> sensu lato
H59 <i>Hirsutella thompsonii</i> 2800	12256	12288
H69 <i>Hirsutella</i> sp. 2803	11D007 <i>Beauveria bassiana</i> sensu lato	11KS017 <i>Beauveria bassiana</i> sensu lato
Hr 113 <i>Hirsutella rhossiliensis</i> 3761	12257	12289
Hr 31 <i>Hirsutella rhossiliensis</i> 3744	11D008 <i>Beauveria bassiana</i> sensu lato	11KS018 <i>Beauveria bassiana</i> sensu lato
Hr 41 <i>Hirsutella rhossiliensis</i> 3745	12258	12290
Hr 43 <i>Hirsutella rhossiliensis</i> 3746	11D009 <i>Beauveria bassiana</i> sensu lato	11KS019 <i>Beauveria bassiana</i> sensu lato
Hr 54 <i>Hirsutella rhossiliensis</i> 3748	12259	12291
Hr 61 <i>Hirsutella rhossiliensis</i> 3750	11D010 <i>Beauveria bassiana</i> sensu lato	11KS020 <i>Beauveria bassiana</i> sensu lato
Hr 65 <i>Hirsutella rhossiliensis</i> 3752	12260	12292
Hr 67 <i>Hirsutella rhossiliensis</i> 3753	11D011 <i>Beauveria bassiana</i> sensu lato	11KS021 <i>Beauveria bassiana</i> sensu lato
Hr 68 <i>Hirsutella rhossiliensis</i> 3754	12261	12293
Hr 85 <i>Hirsutella rhossiliensis</i> 3755	11D012 <i>Beauveria bassiana</i> sensu lato	11KS022 <i>Beauveria bassiana</i> sensu lato
Hr 88 <i>Hirsutella rhossiliensis</i> 3756	12262	12294
Hr 88 <i>Hirsutella rhossiliensis</i> 3756	11D013 <i>Beauveria bassiana</i> sensu lato	11KS024 <i>Beauveria bassiana</i> sensu lato
Hr 90 <i>Hirsutella rhossiliensis</i> 3757	12263	12295
Hr 92 <i>Hirsutella rhossiliensis</i> 3758	11D014 <i>Beauveria bassiana</i> sensu lato	11KS025 <i>Beauveria bassiana</i> sensu lato
Hr 95 <i>Hirsutella rhossiliensis</i> 3759	12264	12296
Hr 97 <i>Hirsutella rhossiliensis</i> 3760	11D015 <i>Beauveria bassiana</i> sensu lato	11KS026 <i>Beauveria bassiana</i> sensu lato
HR156 <i>Hirsutella rhossiliensis</i> 4942	12265	12297
Hr31 <i>Hirsutella rhossiliensis</i> 2006	11D016 <i>Beauveria bassiana</i> sensu lato	11KS027 <i>Beauveria bassiana</i> sensu lato
Hr42 <i>Hirsutella rhossiliensis</i> 2007	12266	12298
HR43 <i>Hirsutella rhossiliensis</i> 2008	11D017 <i>Beauveria bassiana</i> sensu lato	11KS028 <i>Beauveria bassiana</i> sensu lato
Hr58 <i>Hirsutella</i> sp. 2799	12267	12299
Hr63 <i>Hirsutella</i> sp. 2801	11D018 <i>Beauveria bassiana</i> sensu lato	11KS029 <i>Beauveria bassiana</i> sensu lato
Hr63 <i>Hirsutella rhossiliensis</i> 3751	12268	12300
Hr65 <i>Hirsutella</i> sp. 2802	11D019 <i>Beauveria bassiana</i> sensu lato	11KS030 <i>Beauveria bassiana</i> sensu lato
Hr72 <i>Hirsutella rhossiliensis</i> 2788	12269	12301
Hr73 <i>Hirsutella rhossiliensis</i> 2789	11D020 <i>Beauveria bassiana</i> sensu lato	11KS031 <i>Beauveria bassiana</i> sensu lato
Hr74 <i>Hirsutella rhossiliensis</i> 2790	12270	12302
Hr75 <i>Hirsutella rhossiliensis</i> 2791	11D021 <i>Beauveria bassiana</i> sensu lato	11KS033 <i>Beauveria bassiana</i> sensu lato
Hr76 <i>Hirsutella rhossiliensis</i> 2792	12271	12303
Hr77 <i>Hirsutella rhossiliensis</i> 2793		11KS034 <i>Beauveria bassiana</i> sensu lato
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11KS037	<i>Beauveria bassiana</i> sensu lato	12307	11MT006	<i>Beauveria bassiana</i> sensu lato	12358	11SD023	<i>Beauveria bassiana</i> sensu lato	12391
11KS038	<i>Beauveria bassiana</i> sensu lato	12308	11MT007	<i>Beauveria bassiana</i> sensu lato	12359	11SD024	<i>Beauveria bassiana</i> sensu lato	12392
11KS039	<i>Beauveria bassiana</i> sensu lato	12309	11MT009	<i>Beauveria bassiana</i> sensu lato	12360	11SD025	<i>Beauveria bassiana</i> sensu lato	12393
11KS040	<i>Beauveria bassiana</i> sensu lato	12310	11MT010	<i>Beauveria bassiana</i> sensu lato	12361	11SD028	<i>Beauveria bassiana</i> sensu lato	12394
11KS041	<i>Beauveria bassiana</i> sensu lato	12311	11MT011	<i>Beauveria bassiana</i> sensu lato	12362	11SD029	<i>Beauveria bassiana</i> sensu lato	12395
11L002	<i>Beauveria bassiana</i> sensu lato	12312	11MT012	<i>Beauveria bassiana</i> sensu lato	12363	13AW340-1B	<i>Sympastospora parasitica</i>	12396
11L003	<i>Beauveria bassiana</i> sensu lato	12313	11MT015	<i>Beauveria bassiana</i> sensu lato	12364	13CT01 f3	<i>Beauveria bassiana</i>	12240
11L004	<i>Beauveria bassiana</i> sensu lato	12314	11MT016	<i>Beauveria bassiana</i> sensu lato	12365	13CT02 f3	<i>Beauveria bassiana</i>	12241
11L005	<i>Beauveria bassiana</i> sensu lato	12315	11MT017	<i>Beauveria bassiana</i> sensu lato	12366	13CT03 f3	<i>Beauveria bassiana</i>	12242
11L006	<i>Beauveria bassiana</i> sensu lato	12316	11MT018	<i>Beauveria bassiana</i> sensu lato	12367	13CT04 f1	<i>Beauveria bassiana</i>	12243
11L008	<i>Beauveria bassiana</i> sensu lato	12317	11MT019	<i>Beauveria bassiana</i> sensu lato	12368	13CT08 f2	<i>Beauveria bassiana</i>	12244
11L009	<i>Beauveria bassiana</i> sensu lato	12318	11MT020	<i>Beauveria bassiana</i> sensu lato	12369	13CT09 f2	<i>Beauveria bassiana</i>	12245
11L012	<i>Beauveria bassiana</i> sensu lato	12319	11MT021	<i>Beauveria bassiana</i> sensu lato	12370	13CT10 f2	<i>Beauveria bassiana</i>	12246
11L013	<i>Beauveria bassiana</i> sensu lato	12320	11MT022	<i>Beauveria bassiana</i> sensu lato	12371	13CT11 f2	<i>Beauveria bassiana</i>	12247
11L015	<i>Beauveria bassiana</i> sensu lato	12321	11MT023	<i>Beauveria bassiana</i> sensu lato	12372	13CT12 f2	<i>Beauveria bassiana</i>	12248
11L016	<i>Beauveria bassiana</i> sensu lato	12322	11MT024	<i>Beauveria bassiana</i> sensu lato	12373	ER1	<i>Metarhizium anisopliae</i> sensu lato	
11L017	<i>Beauveria bassiana</i> sensu lato	12323	11MT025	<i>Beauveria bassiana</i> sensu lato	12374	5628		
11L019	<i>Beauveria bassiana</i> sensu lato	12324	11MT026	<i>Beauveria bassiana</i> sensu lato	12375	ER13	<i>Beauveria bassiana</i>	5629
11L020	<i>Beauveria bassiana</i> sensu lato	12325	11MT027	<i>Beauveria bassiana</i> sensu lato	12376	ER14	<i>Beauveria bassiana</i>	5630
11L022	<i>Beauveria bassiana</i> sensu lato	12326	11MT028	<i>Beauveria bassiana</i> sensu lato	12377	ER15	<i>Beauveria bassiana</i>	5631
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11L027	<i>Beauveria bassiana</i> sensu lato	12331	11SD011	<i>Beauveria bassiana</i> sensu lato	12382	ER50	<i>Beauveria bassiana</i>	5636
11L028	<i>Beauveria bassiana</i> sensu lato	12332	11SD012	<i>Beauveria bassiana</i> sensu lato	12383	ER54	<i>Beauveria bassiana</i>	5637
11L029	<i>Beauveria bassiana</i> sensu lato	12333	11SD013	<i>Beauveria bassiana</i> sensu lato	12384	ER61	<i>Beauveria bassiana</i>	5638
11L030	<i>Beauveria bassiana</i> sensu lato	12334	11SD014	<i>Beauveria bassiana</i> sensu lato	12385	ER65	<i>Beauveria bassiana</i>	5639
11L032	<i>Beauveria bassiana</i> sensu lato	12335	11SD015	<i>Beauveria bassiana</i> sensu lato	12386	ER68	<i>Beauveria bassiana</i>	5640
11L033	<i>Beauveria bassiana</i> sensu lato	12336	11SD017	<i>Beauveria bassiana</i> sensu lato	12387	ER70	<i>Beauveria bassiana</i>	5641
11L034	<i>Beauveria bassiana</i> sensu lato	12337	11SD019	<i>Beauveria bassiana</i> sensu lato	12388	ER82	<i>Beauveria bassiana</i>	5642
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						KS32	<i>Beauveria bassiana</i>	12216
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Kyei-Poku, George  
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LHY16A	<i>Beauveria bassiana</i>	10457	92133	Unidentified sp.	3844	94022	Sterile mycelium	4376
LHY17A	<i>Beauveria bassiana</i>	10458	92133	<i>Paecilomyces</i> sp.	3870	94023	<i>Hirsutella</i> sp.	4193
LHY18A	<i>Beauveria bassiana</i>	10459	92133	<i>Isaria fumosorosea</i>	4482	94024	<i>Aschersonia</i> sp.	4433
LHY19A	<i>Beauveria bassiana</i>	10460	92134	<i>Isaria fumosorosea</i>	4483	94025	<i>Aschersonia</i> sp.	4434
LHY1A	<i>Beauveria bassiana</i>	10446	92135	<i>Paecilomyces</i> sp.	3871	94028	<i>Verticillium lecanii</i>	4419
LHY21A	<i>Beauveria bassiana</i>	10461	92135	<i>Isaria fumosorosea</i>	4484	94029	<i>Isaria fumosorosea</i>	4404
LHY22A	<i>Beauveria bassiana</i>	10462	92135	<i>Isaria fumosorosea</i>	5297	94030	<i>Verticillium</i> sp.	4194
LHY44A	<i>Beauveria bassiana</i>	10463	92136	<i>Isaria fumosorosea</i>	4485	94031	<i>Verticillium</i> sp.	4195
LHY47A	<i>Beauveria bassiana</i>	10464	92137	<i>Paecilomyces</i> sp.	3872	94032	<i>Verticillium</i> sp.	4203
LHY48A	<i>Beauveria bassiana</i>	10465	92138	<i>Isaria fumosorosea</i>	4486	94035	Unidentified sp.	4204
LHY49A	<i>Beauveria bassiana</i>	10466	92140	Unidentified sp.	3841	94036	<i>Isaria fumosorosea</i>	4205
LHY4A	<i>Beauveria bassiana</i>	10448	92141	<i>Metarhizium brunneum</i>	3864	94037	<i>Aschersonia</i> sp.	4208
LHY8A	<i>Beauveria bassiana</i>	10450	92144	<i>Purpureocillium lilacinum</i>	3846	94038	<i>Aschersonia</i> sp.	4210
S4-C	<i>Beauveria bassiana</i>	10432	92153	Unidentified sp.	3849	94039	<i>Aschersonia</i> sp.	4207
SY07A	<i>Beauveria bassiana</i>	10467	92157	Sterile mycelium	3868	94042	Unidentified sp.	4215
SY16A	<i>Beauveria bassiana</i>	10468	92158	Unidentified sp.	3869	94046	Unidentified sp.	4214
W4A	<i>Beauveria bassiana</i>	10438	92178	<i>Beauveria bassiana</i>	3867	94047	<i>Verticillium lecanii</i>	4420
W6A	<i>Beauveria bassiana</i>	10439	92214	<i>Beauveria bassiana</i>	3866	94048	<i>Verticillium lecanii</i>	4421
<b>Lacey, Lawerence</b>			92219	<i>Beauveria bassiana</i>	3897	94049	<i>Verticillium lecanii</i>	4422
92221-Bt1	<i>Beauveria bassiana</i>	5274	92221	<i>Beauveria bassiana</i>	5273	94050	<i>Verticillium lecanii</i>	4423
<b>Lacey, Lawrence A.</b>			93002	<i>Beauveria pseudobassiana</i>	3965	94052	<i>Verticillium lecanii</i>	4454
008A	Sterile mycelium	3703	93003	<i>Beauveria bassiana</i>	3966	94054	<i>Verticillium lecanii</i>	4455
015A	Sterile mycelium	3705	93004	<i>Beauveria bassiana</i>	3967	94055	<i>Verticillium lecanii</i>	4456
019A	Sterile mycelium	3712	93005	<i>Beauveria bassiana</i>	3968	94058	<i>Verticillium lecanii</i>	4416
021A	<i>Fusarium</i> sp.	3707	93006	<i>Beauveria bassiana</i>	3969	94059	<i>Verticillium lecanii</i>	4417
022A	<i>Fusarium</i> sp.	3704	93007	<i>Beauveria bassiana</i>	3970	94060	<i>Verticillium lecanii</i>	4418
035A	<i>Trichothecium roseum</i>	3708	93009	<i>Beauveria bassiana</i>	3972	94061	<i>Isaria fumosorosea</i>	4401
036A	<i>Lecanicillium muscarium</i>	3709	93010	<i>Beauveria bassiana</i>	3973	94062	<i>Verticillium</i> sp.	4402
037A	Sterile mycelium	3710	93011	<i>Beauveria bassiana</i>	3974	94063	Mixed Culture sp.	4403
041A	Sterile mycelium	3711	93012	<i>Beauveria bassiana</i>	3975	94065	<i>Isaria fumosorosea</i>	4406
041A	Sterile mycelium	3711	93013	<i>Fusarium</i> sp.	3976	94068	<i>Isaria fumosorosea</i>	4407
052A	<i>Cladosporium</i> sp.	3706	93014	<i>Beauveria bassiana</i>	3977	94069	<i>Isaria fumosorosea</i>	4408
059	<i>Lecanicillium longisporum</i>	3701	93015	<i>Beauveria bassiana</i>	3978	94070	<i>Isaria fumosorosea</i>	4409
060	Sterile mycelium	3702	93016	<i>Beauveria bassiana</i>	3979	94071	<i>Isaria fumosorosea</i>	4410
12A	<i>Beauveria bassiana</i>	7966	93017	Unidentified sp.	3980	94072	<i>Isaria fumosorosea</i>	4411
14B	<i>Metarhizium anisopliae</i> sensu lato	7967	93018	<i>Isaria javanica</i>	3981	94073	<i>Isaria farinosa</i>	4412
16A	<i>Beauveria bassiana</i>	7968	93020	<i>Isaria farinosa</i>	3983	94075	<i>Isaria fumosorosea</i>	4413
1B	<i>Beauveria bassiana</i>	7955	93027	Unidentified sp.	3990	94076	<i>Isaria fumosorosea</i>	4414
1C	<i>Beauveria bassiana</i>	7956	93028	Unidentified sp.	3991	94077	<i>Isaria fumosorosea</i>	4415
2B	<i>Beauveria bassiana</i>	7957	93029	Unidentified sp.	3992	94080	<i>Aschersonia</i> sp.	4435
2C	<i>Beauveria bassiana</i>	7958	93030	Unidentified sp.	3993	94081	<i>Aschersonia</i> sp.	4436
2D	<i>Beauveria bassiana</i>	7959	93031	Unidentified sp.	3994	94082	<i>Aschersonia</i> sp.	4437
3A	<i>Beauveria</i> sp.	7960	93032	<i>Beauveria bassiana</i>	3995	94083	<i>Aschersonia</i> sp.	4438
4A	<i>Isaria farinosa</i>	7961	93033	<i>Beauveria bassiana</i>	3996	94084	<i>Aschersonia</i> sp.	4439
5A	<i>Isaria farinosa</i>	7962	93034	Unidentified sp.	3997	94085	<i>Aschersonia</i> sp.	4440
7	<i>Beauveria bassiana</i>	7963	93035	Unidentified sp.	3998	94086	<i>Aschersonia</i> sp.	4441
8	<i>Beauveria bassiana</i>	7964	93036	<i>Beauveria bassiana</i>	3999	94087	<i>Aschersonia</i> sp.	4442
8A	<i>Beauveria bassiana</i>	7965	93037	Unidentified sp.	4000	94088	<i>Aschersonia</i> sp.	4443
92075	Unidentified sp.	3894	93038	<i>Beauveria bassiana</i>	4001	94089	<i>Aschersonia</i> sp.	4444
92101	Unidentified sp.	3842	93039	<i>Fusarium</i> sp.	4002	94090	<i>Aschersonia</i> sp.	4445
92102	Unidentified sp.	3847	93040	Unidentified sp.	4003	94092	<i>Aschersonia</i> sp.	4448
92111	<i>Isaria fumosorosea</i>	4498	94-41	<i>Aschersonia aleyrodis</i>	4209	94093	<i>Aschersonia</i> sp.	4449
92112	<i>Isaria fumosorosea</i>	3848	94001	<i>Beauveria bassiana</i>	4091	94094	<i>Verticillium lecanii</i>	4457
92113	Unidentified sp.	3845	94002	<i>Beauveria bassiana</i>	4092	94095	<i>Verticillium</i> sp.	4398
92114	<i>Paecilomyces</i> sp.	3874	94003	<i>Beauveria bassiana</i>	4093	94096	<i>Verticillium</i> sp.	4399
92115	<i>Paecilomyces</i> sp.	3875	94004	<i>Nomuraea rileyi</i>	4094	94097	<i>Isaria fumosorosea</i>	4400
92117	Unidentified sp.	3876	94005	<i>Metarhizium anisopliae</i> sensu lato	4095	94098	<i>Aschersonia</i> sp.	4426
92117	<i>Paecilomyces</i> sp.	3877	94006	<i>Isaria tenuipes</i>	4096	94102	<i>Aschersonia</i> sp.	4430
92118	<i>Isaria fumosorosea</i>	3878	94007	<i>Isaria amoenerosea</i>	4097	94103	<i>Aschersonia</i> sp.	4431
92118	<i>Isaria fumosorosea</i>	4502	94008	<i>Aschersonia</i> sp.	4098	94104	<i>Aschersonia</i> sp.	4432
92118	<i>Isaria fumosorosea</i>	5298	94009	<i>Isaria fumosorosea</i>	4383	94105	<i>Metarhizium anisopliae</i> sensu lato	4450
92119	<i>Isaria fumosorosea</i>	5272	94010	<i>Aschersonia</i> sp.	4424	94106	<i>Beauveria bassiana</i>	4377
92123	<i>Isaria fumosorosea</i>	3851	94013	<i>Beauveria bassiana</i>	4200	94107	<i>Beauveria bassiana</i>	4378
			94014	Unidentified sp.	4201	94108	<i>Beauveria bassiana</i>	4379

94110 <i>Paecilomyces</i> sp. 4452	95010 <i>Metarhizium anisopliae</i> sensu lato	95072 <i>Isaria farinosa</i> 5082
94111 <i>Beauveria</i> sp. 4393	4908	95073 <i>Isaria farinosa</i> 5083
94112 <i>Beauveria</i> sp. 4394	95011 <i>Beauveria</i> sp. 4909	95074 <i>Isaria farinosa</i> 5084
94113 <i>Beauveria</i> sp. 4395	95012 <i>Beauveria</i> sp. 4910	95075 <i>Isaria fumosorosea</i> 5085
94114 <i>Beauveria</i> sp. 4396	95013 <i>Beauveria</i> sp. 4911	95076 <i>Isaria fumosorosea</i> 5086
94115 <i>Beauveria</i> sp. 4397	95014 <i>Beauveria</i> sp. 4912	95077 <i>Isaria fumosorosea</i> 5087
94116 <i>Metarhizium pingshaense</i> 4366	95015 <i>Beauveria</i> sp. 4913	95078 <i>Isaria fumosorosea</i> 5088
94117 <i>Aspergillus</i> sp. 4367	95016 <i>Beauveria</i> sp. 4914	95079 <i>Isaria fumosorosea</i> 5089
94118 <i>Metarhizium</i> sp. 4368	95017 <i>Beauveria</i> sp. 4915	95080 <i>Isaria fumosorosea</i> 5090
94119 <i>Metarhizium</i> sp. 4369	95018 <i>Beauveria</i> sp. 4916	95081 <i>Paecilomyces</i> sp. 5091
94120 <i>Metarhizium</i> sp. 4370	95019 <i>Beauveria</i> sp. 4917	95082 <i>Paecilomyces</i> sp. 5092
94121 <i>Metarhizium</i> sp. 4371	95020 <i>Beauveria</i> sp. 4918	95083 <i>Paecilomyces</i> sp. 5093
94122 <i>Metarhizium</i> sp. 4372	95021 <i>Metarhizium robertsii</i> 4919	95084 <i>Paecilomyces</i> sp. 5094
94123 <i>Metarhizium</i> sp. 4373	95022 <i>Beauveria</i> sp. 4920	95085 <i>Paecilomyces</i> sp. 5095
94124 <i>Metarhizium</i> sp. 4374	95023 Unidentified / Hyphomycetes 4921	95086 <i>Paecilomyces</i> sp. 5096
94125 <i>Metarhizium</i> sp. 4375	95024 Unidentified / Hyphomycetes 4922	95087 <i>Paecilomyces</i> sp. 5097
94126 <i>Beauveria brongniartii</i> 4362	95025 Unidentified / Hyphomycetes 4923	95088 <i>Paecilomyces</i> sp. 5098
94127 <i>Beauveria brongniartii</i> 4458	95026 Unidentified / Hyphomycetes 4924	95089 <i>Paecilomyces</i> sp. 5099
94128 <i>Beauveria brongniartii</i> 4363	95027 <i>Metarhizium anisopliae</i> sensu lato 4925	95090 <i>Paecilomyces</i> sp. 5100
94129 <i>Beauveria</i> sp. 4364	95028 <i>Metarhizium anisopliae</i> sensu lato 4926	95091 <i>Paecilomyces</i> sp. 5101
94130 <i>Beauveria</i> sp. 4365	95029 <i>Metarhizium anisopliae</i> sensu lato 4927	95092 <i>Paecilomyces</i> sp. 5102
94131 <i>Beauveria brongniartii</i> 4389	95030 <i>Metarhizium anisopliae</i> sensu lato 4928	95093 <i>Paecilomyces</i> sp. 5103
94132 <i>Beauveria</i> sp. 4390	95031 <i>Metarhizium anisopliae</i> sensu lato 4929	95094 <i>Paecilomyces</i> sp. 5104
94133 <i>Beauveria</i> sp. 4391	95032 <i>Metarhizium anisopliae</i> sensu lato 4930	95095 <i>Paecilomyces</i> sp. 5105
94134 <i>Beauveria</i> sp. 4392	95033 Unidentified / Hyphomycetes 4931	95096 <i>Paecilomyces</i> sp. 5106
94135 <i>Beauveria asiatica</i> 4384	95034 Unidentified / Hyphomycetes 4932	95097 <i>Isaria fumosorosea</i> 5107
94136 <i>Beauveria brongniartii</i> 4385	95035 <i>Beauveria pseudobassiana</i> 4933	95098 <i>Paecilomyces</i> sp. 5108
94137 <i>Beauveria brongniartii</i> 4386	95036 <i>Beauveria bassiana</i> 4981	95099 <i>Paecilomyces</i> sp. 5109
94138 Mixed Culture sp. 4387	95037 <i>Beauveria bassiana</i> 4982	95100 <i>Paecilomyces</i> sp. 5110
94139 <i>Beauveria brongniartii</i> 4388	95038 <i>Beauveria bassiana</i> 4983	95101 <i>Paecilomyces</i> sp. 5111
94140 <i>Beauveria bassiana</i> 4382	95039 <i>Beauveria bassiana</i> 4984	95102 <i>Paecilomyces</i> sp. 5112
94141 <i>Beauveria brongniartii</i> 4380	95041 <i>Paecilomyces</i> sp. 4985	95103 <i>Isaria fumosorosea</i> 5113
94142 <i>Beauveria brongniartii</i> 4381	95042 <i>Paecilomyces</i> sp. 4986	95104 <i>Paecilomyces</i> sp. 5114
94143 <i>Beauveria brongniartii</i> 4465	95043 <i>Paecilomyces</i> sp. 4987	95105 <i>Isaria fumosorosea</i> 5115
94144 <i>Beauveria brongniartii</i> 4466	95044 <i>Paecilomyces</i> sp. 4988	95106 <i>Isaria fumosorosea</i> 5116
94145 <i>Beauveria brongniartii</i> 4467	95045 <i>Paecilomyces</i> sp. 4989	95107 <i>Isaria fumosorosea</i> 5117
94146 <i>Beauveria brongniartii</i> 4468	95048 <i>Beauveria amorpha</i> 4990	95108 <i>Isaria fumosorosea</i> 5118
94147 <i>Beauveria brongniartii</i> 4469	95050 <i>Beauveria brongniartii</i> 4992	95109 <i>Isaria fumosorosea</i> 5119
94148 <i>Beauveria brongniartii</i> 4470	95052 <i>Beauveria brongniartii</i> 4993	95111 <i>Isaria fumosorosea</i> 5121
94149 <i>Beauveria brongniartii</i> 4471	95053 <i>Beauveria brongniartii</i> 4994	96001 Unidentified / Hyphomycetes 5223
94150 <i>Beauveria brongniartii</i> 4472	95054 <i>Beauveria brongniartii</i> 4995	96002 Unidentified / Hyphomycetes 5224
94151 <i>Verticillium lecanii</i> 4453	95056 <i>Beauveria bassiana</i> 5064	96003 Unidentified / Hyphomycetes 5225
94151 <i>Beauveria brongniartii</i> 4473	95058 <i>Beauveria bassiana</i> 5066	96004 Unidentified / Hyphomycetes 5226
94152 <i>Beauveria asiatica</i> 4474	95059 <i>Beauveria bassiana</i> 5067	96005 Unidentified / Hyphomycetes 5227
94153 <i>Beauveria brongniartii</i> 4475	95060 <i>Beauveria bassiana</i> 5069	96007 <i>Beauveria bassiana</i> 5229
94154 <i>Beauveria brongniartii</i> 4476	95062 <i>Beauveria pseudobassiana</i> 5070	96008 <i>Beauveria bassiana</i> 5230
94155 <i>Beauveria brongniartii</i> 4477	95063 <i>Beauveria bassiana</i> 5071	96009 <i>Isaria fumosorosea</i> 4698
94156 <i>Beauveria brongniartii</i> 4478	95064 <i>Beauveria bassiana</i> 5072	96009 <i>Beauveria bassiana</i> 5231
95001 Unidentified / Hyphomycetes 4899	95065 <i>Isaria farinosa</i> 5073	96011 <i>Beauveria bassiana</i> 5233
95002 Unidentified / Hyphomycetes 4900	95066 <i>Isaria farinosa</i> 5074	96012 <i>Beauveria bassiana</i> 5234
95003 <i>Metarhizium anisopliae</i> sensu lato 4901	95067 <i>Isaria farinosa</i> 5075	96013 <i>Beauveria bassiana</i> 5235
95004 <i>Metarhizium anisopliae</i> sensu lato 4902	95069 <i>Isaria farinosa</i> 5080	96015 <i>Beauveria brongniartii</i> 5355
95005 <i>Metarhizium robertsii</i> 4903	95070 <i>Isaria farinosa</i> 5081	96016 <i>Beauveria brongniartii</i> 5356
95006 <i>Metarhizium anisopliae</i> sensu lato 4904	95071 <i>Isaria fumosorosea</i> 5122	96017 <i>Beauveria brongniartii</i> 5357
95007 <i>Metarhizium anisopliae</i> sensu lato 4905		96018 <i>Beauveria brongniartii</i> 5358
95008 <i>Metarhizium anisopliae</i> sensu lato 4906		96019 <i>Beauveria brongniartii</i> 5359
95009 <i>Metarhizium anisopliae</i> sensu lato 4907		96020 <i>Beauveria brongniartii</i> 5360
		96021 <i>Beauveria brongniartii</i> 5361
		96022 <i>Beauveria brongniartii</i> 5362
		96023 <i>Beauveria brongniartii</i> 5363
		96024 <i>Beauveria brongniartii</i> 5364

## Alternate Collections

Lacey, Lawrence A.  
Lichtwardt, Robert W.

- 992114 *Isaria fumosorosea* 4499  
992117 *Isaria fumosorosea* 4501  
992119 *Isaria fumosorosea* 4503  
EBCL 92116 *Isaria fumosorosea* 5475  
EBCL 92117 *Isaria fumosorosea* 5476  
Ma16 *Aspergillus* sp. 3698  
Ma17 *Isaria fumosorosea* 3699  
Ma17 *Isaria fumosorosea* 4491  
Ma18 *Isaria fumosorosea* 3700  
Ma18 *Isaria fumosorosea* 4492  
Ma19 *Isaria fumosorosea* 4493  
Ma20 *Isaria fumosorosea* 4494  
Ma21 *Isaria fumosorosea* 4495  
Ma22 *Isaria fumosorosea* 4496  
Ma27 *Isaria fumosorosea* 4497  
Ma8 *Isaria fumosorosea* 4490  
P.fr.3660 *Isaria fumosorosea* 4480  
Pfr, PA-97 *Isaria fumosorosea* 4479  
Pfr19 *Isaria fumosorosea* 3843  
Pfr19 *Paecilomyces* sp. 3873  
Pfr3572 *Isaria fumosorosea* 4487  
Pfr3594 *Isaria fumosorosea* 4488  
Pfr3663 *Isaria fumosorosea* 4481  
Pfr3698 *Isaria fumosorosea* 4489  
YARL 011219-10 *Metarhizium anisopliae* sensu lato 7006  
YARL 011219-11 *Metarhizium anisopliae* sensu lato 7007  
YARL 011219-14 *Metarhizium anisopliae* sensu lato 7008  
YARL 011219-15 *Metarhizium anisopliae* sensu lato 7009  
YARL 011219-7 *Metarhizium anisopliae* sensu lato 7004  
YARL 011219-9 *Metarhizium anisopliae* sensu lato 7005  
YARL 020128-1 *Metarhizium anisopliae* sensu lato 7000  
YARL 020128-2 *Metarhizium anisopliae* sensu lato 7001  
YARL 020128-3 *Metarhizium anisopliae* sensu lato 7002  
YARL 020128-4 *Metarhizium anisopliae* sensu lato 7003
- Landis, Doug**  
1A *Zoophthora radicans* 2977  
1B *Zoophthora radicans* 2978  
1C *Zoophthora radicans* 2979  
2A *Zoophthora radicans* 2980
- LeBrun, Roger A.**  
Bio 1020 *Metarhizium brunneum* 5198
- Lenné, Jillian M.**  
C7 *Metarhizium anisopliae* sensu stricto 587  
E1 *Metarhizium pingshaense* 588  
P1 *Metarhizium anisopliae* sensu lato 589
- Leonard, David E.**  
BBIV-20 *Zoophthora radicans* 21
- Liang, Zong-Qi**  
CGAC-2281 *Mariannaea pruinosa* 5413
- Lichtwardt, Robert W.**  
43-1-2 *Smittium culicis* 9003  
A1a *Amoebidium parasiticum* 9257  
ALG-10-S8 *Smittium mucronatum* 9063  
ALG-10-W3 *Legeriosimilis* sp. 9066  
ALG-13-W1 *Harpellales*, genus undetermined 9064  
ALG-16-W27 *Smittium* sp. 9088  
ALG-16-W28 *Smittium* sp. 9065  
ALG-16-W3 *Smittium culicis* 9073  
ALG-16-WXXX *Smittium* sp. 9265  
ALG-5-W2b *Smittium culicis* 9143  
ALG-5-W8 *Smittium culicis* 9091  
ALG-7-W10 *Smittium mucronatum* 9144  
ALG-7-W6 *Smittium mucronatum* 9090  
ALG-7-W7 *Smittium mucronatum* 9067  
AR-19-4S *Smittium* sp. 9087  
ARG-17-4F *Smittium* sp. 9119  
ARG-24-20F *Smittium tronadorium* 9030  
ARG-X-1 *Smittium culisetae* 9094  
ARG-X-2 *Smittium culisetae* 5430  
ARG-X-2 *Smittium culisetae* 9131  
ARG-X-3 *Smittium culicis* 5431  
ARG-X-3 *Smittium culicis* 9031  
ARG-X-4 *Smittium culicis* 5432  
ARG-X-4 *Smittium culicis* 9004  
ARG-X-5 *Smittium culisetae* 9075  
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**Neumann, Gábor**  
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 HDM 2 *Beauveria bassiana* 6885

**Niassy, Abdoulaye**  
 B OSE *Aspergillus* sp. 6422  
 B OSE *Aspergillus* sp. 6423  
 DPV-1, Khelkom KAN *Metarhizium acridum* 6421  
 K HDA *Aspergillus tamarii*(?) 6418  
 K ONI *Aspergillus* sp. 6419  
 M2VA *Aspergillus tamarii*(?) 6420

## Alternate Collections

Nielsen, Charlotte  
Ochiel, Gerald

### Nielsen, Charlotte

- KVL 1996-1 *Pandora neoaphidis* 5371
- KVL 1996-2 *Pandora neoaphidis* 5372
- KVL 1996-3 *Pandora neoaphidis* 5373
- KVL 1996-4 *Pandora neoaphidis* 5374
- KVL 98-13 *Conidiobolus obscurus* 5992
- KVL 98-15 *Conidiobolus osmodes(?)*  
5993
- KVL 98-17 *Batkoia apiculata* 5994
- KVL 98-21 *Pandora neoaphidis* 5995

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- 1232 *Basidiobolus haptosporus* 261
- 18725 *Lecanicillium muscarium* 3836
- 18726 *Lecanicillium muscarium* 3838
- 18727 *Lecanicillium muscarium* 3839
- 18728 *Lecanicillium muscarium* 3837
- 1944 *Metarhizium brunneum* 2107
- 21853 *Syngliocladium tetanopsis* 5577
- 21854 *Syngliocladium tetanopsis* 5497
- 22865 *Beauveria bassiana* 6643
- 22866 *Beauveria bassiana* 6644
- 25028 *Fusarium moniliforme* 2074
- 25029 *Fusarium moniliforme* var. *intermedium* 3223
- 25030 *Fusarium nygamai* 2316
- 25031 *Fusarium subglutinans* 2141
- 25032 *Fusarium subglutinans* 2143
- 25033 *Fusarium subglutinans* 2145
- 25034 *Fusarium subglutinans* 2301
- 25080 *Fusarium* sp. 687
- 25081 *Fusarium* sp. 1307
- 25082 *Fusarium* sp. 1310
- 25083 *Fusarium* sp. 1522
- 25084 *Fusarium* sp. 1641
- 25085 *Fusarium* sp. 1828
- 25086 *Fusarium* sp. 2232
- 25087 *Fusarium* sp. 2252
- 25088 *Fusarium* sp. 2333
- 25089 *Fusarium* sp. 2337
- 25090 *Fusarium* sp. 2418
- 25091 *Fusarium* sp. 2568
- 25092 *Fusarium* sp. 2569
- 25093 *Fusarium* sp. 2595
- 25094 *Fusarium* sp. 2736
- 25095 *Fusarium* sp. 2743
- 25097 *Fusarium* sp. 3030
- 25098 *Fusarium* sp. 3031
- 25099 *Fusarium* sp. 3032
- 25100 *Fusarium* sp. 3051
- 25101 *Fusarium* sp. 3296
- 25102 *Fusarium* sp. 3300
- 25103 *Fusarium* sp. 3345
- 25104 *Fusarium* sp. 3382
- 25105 *Fusarium* sp. 3532
- 25106 *Fusarium* sp. 3668
- 25107 *Fusarium* sp. 3669
- 25108 *Fusarium* sp. 3670
- 25109 *Fusarium* sp. 3671
- 25110 *Fusarium* sp. 3672
- 25111 *Fusarium* sp. 3673
- 25112 *Fusarium* sp. 3674
- 25113 *Fusarium* sp. 3675
- 25114 *Fusarium* sp. 3676
- 25115 *Fusarium* sp. 3677
- 25116 *Fusarium* sp. 3678

- 25117 *Fusarium* sp. 3679
- 25118 *Fusarium* sp. 3704
- 25119 *Fusarium* sp. 3707
- 25120 *Fusarium* sp. 3791
- 25121 *Fusarium* sp. 3976
- 25122 *Fusarium* sp. 4002
- 25123 *Fusarium* sp. 4011
- 25124 *Fusarium acuminatum* 3218
- 25125 *Fusarium avenaceum* 2060
- 25126 *Fusarium coccophilum* 821
- 25127 *Fusarium coccophilum* 2098
- 25128 *Fusarium lateritium* 1331
- 25129 *Fusarium lateritium* 1416
- 25130 *Fusarium merismoides* 2059
- 25131 *Fusarium oxysporum* 1371
- 25132 *Fusarium torulosum* 3483
- 25134 *Fusarium semitecum* 2299
- 25135 *Fusarium semitecum* 2300
- 25136 *Fusarium solani* 2312
- 25137 *Fusarium solani* 2313
- 25138 *Fusarium solani* 2314
- 25139 *Fusarium subglutinans* 2142
- 25140 *Fusarium subglutinans* 2144
- 25202 *Fusarium semitecum* 2053
- 25529 *Fusarium polypodialidicum* 3692
- 25530 *Fusarium polypodialidicum* 3693
- 25531 *Fusarium polypodialidicum* 3694
- 25532 *Fusarium polypodialidicum* 3695
- 25533 *Fusarium polypodialidicum* 3696
- 2780 *Conidiobolus thromboides* 15
- 2780 *Conidiobolus thromboides* 115
- 2780 *Conidiobolus thromboides* 208
- 28638 *Conidiobolus coronatus* 8715
- 30976 *Beauveria pseudobassiana* 8254
- 3682 *Conidiobolus bangalorensis* 449
- 3733 *Basidiobolus meristosporus* 8329
- 3734 *Basidiobolus magnus* 8330
- 52684 *Fusarium* sp. 6351
- 52685 *Fusarium* sp. 6352
- 52686 *Fusarium* sp. 6348
- 52687 *Fusarium* sp. 6320
- 52688 *Fusarium* sp. 4969
- 52689 *Fusarium* sp. 4863
- 52690 *Fusarium oxysporum(?)* 6355
- 52691 *Fusarium* sp. 6353
- 52692 *Fusarium* sp. 6358
- 52693 *Fusarium* sp. 6354
- 52694 *Fusarium* sp. 6375
- 52695 *Fusarium* sp. 6464
- 52696 *Fusarium* sp. 6649
- 52697 *Fusarium* sp. 6576
- 52698 *Fusarium* sp. 6465
- 52699 *Fusarium* sp. 6461
- 52700 *Fusarium* sp. 6460
- 52701 *Fusarium* sp. 6602
- 52702 *Fusarium* sp. 6590
- 52703 *Fusarium* sp. 6589
- 52704 *Fusarium* sp. 6572
- 52705 *Fusarium* sp. 6587
- 52706 *Fusarium* sp. 6455
- 52707 *Fusarium* sp. 6447
- 52708 *Fusarium* sp. 6453
- 52709 *Simplicillium lamellicola* 6448
- 52710 *Fusarium* sp. 6452
- 52711 *Fusarium* sp. 6450
- 52712 *Fusarium* sp. 6451
- 52713 *Fusarium* sp. 6446
- 52714 *Fusarium* sp. 6428
- 52715 *Fusarium* sp. 6443
- 52716 *Fusarium* sp. 6409
- 52717 *Fusarium* sp. 6445
- 52718 *Fusarium* sp. 6411
- 52719 *Fusarium* sp. 6425
- 52720 *Fusarium* sp. 6410
- 52721 *Fusarium* sp. 6403
- 52722 *Fusarium* sp. 6401
- 52723 *Fusarium* sp. 6402
- 52724 *Fusarium oxysporum* 4963
- 52725 *Fusarium* sp. 5332
- 52726 *Fusarium* sp. 8299
- 52727 *Fusarium* sp. 8300
- 52728 *Fusarium* sp. 8304
- 52729 *Fusarium* sp. 8301
- 52730 *Fusarium* sp. 8302
- 52731 *Fusarium* sp. 8306
- 52732 *Fusarium* sp. 8305
- 52733 *Fusarium* sp. 8283
- 52734 *Fusarium* sp. 8298
- 52735 *Fusarium* sp. 8286
- 52736 *Fusarium* sp. 8290
- 52737 *Fusarium* sp. 8287
- 52738 *Fusarium* sp. 8285
- 52739 *Fusarium* sp. 8288
- 52740 *Fusarium* sp. 8131
- 52741 *Fusarium* sp. 8266
- 52742 *Fusarium* sp. 8282
- 52743 *Fusarium* sp. 8267
- 52744 *Fusarium* sp. 8281
- 52745 *Fusarium* sp. 8277
- 52746 *Fusarium* sp. 8279
- 52747 *Fusarium* sp. 8278
- 52748 *Fusarium* sp. 7473
- 52749 *Fusarium oxysporum(?)* 6622
- 52750 *Fusarium* sp. 6790
- 52751 *Fusarium oxysporum* 4964
- 52752 *Fusarium* sp. 4956
- 52753 *Fusarium* sp. 5219
- 52754 *Lecanicillium muscarium* 3464
- 52755 *Fusarium torulosum* 3483
- 52756 *Fusarium* sp. 2303
- 52757 *Fusarium* sp. 4864
- 52758 *Fusarium* sp. 4714
- 52759 *Fusarium polypodialidicum* 3916
- 52760 *Fusarium* sp. 4715
- 52761 *Fusarium* sp. 4238
- 52762 *Fusarium* sp. 4713
- 52763 *Fusarium* sp. 4962
- 52764 *Fusarium* sp. 4825
- 52765 *Fusarium lateritium* 2304
- A-27471 *Penicillium thomii* 2056
- A-27472 *Pochonia suchlasporia* var. *catenata* 2064
- A-27473 *Isaria farinosa* 2057
- Y-12965 *Candida* sp. 1857
- Y-12966 *Candida* sp. 1877

### O'Donnell, Kerry L.

con-2 *Conidiobolus* sp. 12338

### Ochiel, Gerald

IIBC I92-745 *Ophiocordyceps bisporus*  
3888

**Olive, Lindsey S.**

single spore isolate #1 *Culicinomyces clavisporus* 582  
single spore isolate #2 *Culicinomyces clavisporus* 583  
single spore isolate #3 *Culicinomyces clavisporus* 584  
single spore isolate #4 *Culicinomyces clavisporus* 585

**Onofri, Silvano**

n°1 *Lecanicillium lecanii(?)* 5136  
n°2 *Lecanicillium lecanii(?)* 5137  
n°3 *Lecanicillium lecanii(?)* 5138

**Osborne, Lance S.**

PFR-97 *Isaria fumosorosea* 3682  
UK-1 *Isaria fumosorosea* 2247  
UK-3(1) *Beauveria bassiana* 2236  
UK-3(2) *Lecanicillium psalliotae* 2235  
UK-3(3) *Lecanicillium psalliotae* 2234

**Ostrovska, Katherine**

12 *Fusarium* sp. 3382  
20 Unidentified sp. 3413  
21 *Conidiobolus coronatus* 3414  
22 *Conidiobolus coronatus* 3415  
25 *Lecanicillium psalliotae* 3416  
26 Unidentified sp. 3417  
27 *Lecanicillium muscarium* 3418  
29 Unidentified sp. 3419  
3 Unidentified sp. 3378  
31 Unidentified sp. 3420  
33 Unidentified sp. 3421  
34 Unidentified sp. 3422  
35 Unidentified sp. 3423  
36 Unidentified sp. 3424  
37 Unidentified sp. 3425  
4 *Conidiobolus coronatus* 3379  
40 Unidentified sp. 3426  
42 Unidentified sp. 3427  
47 Unidentified sp. 3428  
51 *Isaria fumosorosea* 3429  
52 *Aspergillus flavus* 3430  
53 Unidentified sp. 3123  
54 Unidentified sp. 3124  
6 Unidentified sp. 3380  
9 Unidentified sp. 3381

**Ouna, Elizabeth A.**

Kutui-10 *Metarhizium anisopliae* sensu lato 6414  
Kutui-4 *Metarhizium* sp. 6413  
Sudan 4 (a) *Metarhizium anisopliae* sensu lato 6417  
Sudan P1 (a) *Metarhizium anisopliae* sensu lato 6415  
Sudan P1 (b) *Metarhizium flavoviride* 6416

**Padhye, A. A.**

CDC 76-075022 *Schizangiella serpentis* 203

**Parker, Bruce L.**

$\mu$ H 2 *Isaria farinosa* 5774  
0207B *Metarhizium anisopliae* sensu lato 8777  
AT 036 *Beauveria bassiana* 5767  
AT 050 *Beauveria bassiana* 5768  
AT 052 *Beauveria bassiana* 5769  
AT 062 *Beauveria bassiana(?)* 5816  
AT 063 *Beauveria bassiana(?)* 5817  
AT 069 *Beauveria bassiana(?)* 5818  
AT 070 Sterile mycelium 5819  
AT 071 *Verticillium lecanii* 5820  
AT 072 *Verticillium lecanii* 5821  
AT 076 *Lecanicillium muscarium* 5822  
AT 128 *Lecanicillium lecanii* 5759  
AT 132 *Verticillium lecanii* 5824  
AT 135 *Verticillium lecanii* 5771  
AT 136 *Lecanicillium muscarium* 5772  
AT 138 *Isaria farinosa* 5760  
AT 139 *Isaria farinosa* 5761  
AT 145 *Acremonium* sp. 5773  
AT 153 *Fusarium* sp. 5825  
AT 157 *Isaria farinosa* 5826  
AT 159 *Isaria farinosa* 5827  
AT 79/2 *Geotrichum (?)* sp. 5823  
AT-C-198 *Verticillium lecanii* 6045  
AT-C-216 *Beauveria bassiana* 6027  
AT-C-218 *Isaria farinosa* 6028  
AT-C-234 *Isaria farinosa* 6029  
AT-C-235 *Isaria farinosa* 6030  
AT-C-237 *Isaria farinosa* 6031  
AT-C-238 *Isaria farinosa* 6032  
AT-C-242 *Isaria farinosa* 6033  
AT-C-281 *Isaria farinosa* 6034  
AT-C-284 *Lecanicillium muscarium* 6035  
AT-C-286 *Isaria farinosa* 6036  
AT-C-287 *Isaria farinosa* 6037  
AT-C-288 *Isaria farinosa* 6038  
AT-C-291 *Verticillium lecanii* 6046  
AT-C-292 *Verticillium lecanii* 6047  
AT-C-293 *Isaria farinosa* 6048  
AT-C-294 *Isaria farinosa* 6049  
AT-C-295 *Verticillium lecanii* 6050  
AVRDC 0005B *Metarhizium anisopliae* sensu lato 8775  
AVRDC 0009B *Metarhizium anisopliae* sensu lato 8776  
AVRDC 0058B *Purpureocillium lilacinum* 8918  
AVRDC 0076B *Metarhizium anisopliae* sensu lato 9236  
AVRDC 0153B *Metarhizium anisopliae* sensu lato 8798  
AVRDC 0154B *Metarhizium anisopliae* sensu lato 8941  
AVRDC 0166B *Metarhizium anisopliae* sensu lato 8942  
AVRDC 0168B *Metarhizium anisopliae* sensu lato 8799  
AVRDC 0184B *Metarhizium anisopliae* sensu lato 8952  
AVRDC 0186B *Metarhizium anisopliae* sensu lato 8953  
AVRDC 0193B *Metarhizium anisopliae* sensu lato 8795  
AVRDC 0193B *Metarhizium anisopliae* sensu lato 8951  
AVRDC 0205B *Metarhizium anisopliae* sensu lato 8796  
AVRDC 0214B *Metarhizium anisopliae* sensu lato 8778  
AVRDC 0216B *Metarhizium anisopliae* sensu lato 8779  
AVRDC 0224B *Metarhizium anisopliae* sensu lato 8780  
AVRDC 0238B *Metarhizium anisopliae* sensu lato 8943  
AVRDC 0244B *Metarhizium anisopliae* sensu lato 8781  
AVRDC 0245B *Metarhizium anisopliae* sensu lato 8944  
AVRDC 0246B *Metarhizium anisopliae* sensu lato 8797  
AVRDC 0260B *Metarhizium anisopliae* sensu lato 8782  
AVRDC 0262B *Metarhizium anisopliae* sensu lato 8945  
AVRDC 0286B *Purpureocillium lilacinum* 8919  
AVRDC 0293B *Metarhizium anisopliae* sensu lato 8783  
AVRDC 0295B *Metarhizium anisopliae* sensu lato 8784  
AVRDC 0303B *Metarhizium anisopliae* sensu lato 8946  
AVRDC 0312B *Metarhizium anisopliae* sensu lato 8785  
AVRDC 0331B *Metarhizium anisopliae* sensu lato 8786  
AVRDC 0338B *Metarhizium anisopliae* sensu lato 8787  
AVRDC 0344B *Metarhizium anisopliae* sensu lato 8788  
AVRDC 0346B *Metarhizium anisopliae* sensu lato 8789  
AVRDC 0350B *Metarhizium anisopliae* sensu lato 8790  
AVRDC 0355B *Metarhizium anisopliae* sensu lato 8791  
AVRDC 0373B *Metarhizium anisopliae* sensu lato 8792  
AVRDC 0374B *Metarhizium anisopliae* sensu lato 8793  
AVRDC 0376B *Metarhizium anisopliae* sensu lato 8954  
AVRDC 0377B *Metarhizium anisopliae* sensu lato 8794  
AVRDC 0381B *Metarhizium anisopliae* sensu lato 8858  
AVRDC 0382B *Metarhizium anisopliae* sensu lato 8868  
AVRDC 0383B *Metarhizium anisopliae* sensu lato 8859  
AVRDC 0384B *Metarhizium anisopliae* sensu lato 8869  
AVRDC 0385B *Metarhizium anisopliae* sensu lato 8947  
AVRDC 0388B *Metarhizium anisopliae* sensu lato 8870  
AVRDC 0389B *Metarhizium anisopliae* sensu lato 8948

AVRDC 0390B <i>Metarhizium anisopliae</i>	sensu lato 8860	AVRDC 0477B <i>Metarhizium anisopliae</i>	sensu lato 8898	GA-267-10 Unidentified / Zygomycetes
AVRDC 0392B <i>Metarhizium anisopliae</i>	sensu lato 8871	AVRDC 0482B <i>Isaria farinosa</i> 8917		6157
AVRDC 0393B <i>Metarhizium anisopliae</i>	sensu lato 8861	AVRDC 0483B <i>Metarhizium anisopliae</i>	sensu lato 8899	GA-279 Unidentified / Zygomycetes
AVRDC 0394B <i>Metarhizium anisopliae</i>	sensu lato 8872	AVRDC 0485B <i>Metarhizium anisopliae</i>	sensu lato 8900	6158
AVRDC 0397B <i>Metarhizium anisopliae</i>	sensu lato 8873	AVRDC 0492B <i>Metarhizium anisopliae</i>	sensu lato 8901	GA-305 Unidentified / Zygomycetes
AVRDC 0398B <i>Metarhizium anisopliae</i>	sensu lato 8955	AVRDC 0493B <i>Metarhizium anisopliae</i>	sensu lato 8915	6159
AVRDC 0399B <i>Metarhizium anisopliae</i>	sensu lato 8862	AVRDC 0500B <i>Metarhizium anisopliae</i>	sensu lato 8902	GA-337 Unidentified / Zygomycetes
AVRDC 0402B <i>Metarhizium anisopliae</i>	sensu lato 8863	AVRDC 0506B <i>Metarhizium anisopliae</i>	sensu lato 8949	6160
AVRDC 0404B <i>Metarhizium anisopliae</i>	sensu lato 8874	AVRDC 0518B <i>Scopulariopsis</i> sp. 11652		HWA 1 <i>Isaria farinosa</i> 5775
AVRDC 0408B <i>Metarhizium anisopliae</i>	sensu lato 8864	AVRDC 0520B <i>Metarhizium anisopliae</i>	sensu lato 8916	HWA 111/6 <i>Verticillium lecanii</i> 5783
AVRDC 0410B <i>Metarhizium anisopliae</i>	sensu lato 8865	AVRDC 0523B <i>Metarhizium anisopliae</i>	sensu lato 8903	HWA 112 <i>Isaria farinosa</i> 5784
AVRDC 0411B <i>Metarhizium anisopliae</i>	sensu lato 8866	AVRDC 0527B <i>Purpureocillium lilacinum</i> 8920		HWA 115/1 <i>Lecanicillium lecanii</i> 5785
AVRDC 0414B <i>Metarhizium anisopliae</i>	sensu lato 8867	AVRDC 0529B <i>Purpureocillium lilacinum</i> 8921		HWA 129 <i>Lecanicillium lecanii</i> 5787
AVRDC 0419B <i>Metarhizium anisopliae</i>	sensu lato 8875	AVRDC 0549B <i>Metarhizium anisopliae</i>	sensu lato 8904	HWA 134/2 <i>Isaria farinosa</i> 5788
AVRDC 0420B <i>Metarhizium anisopliae</i>	sensu lato 8876	AVRDC 0555B <i>Metarhizium anisopliae</i>	sensu lato 8905	HWA 143/1 <i>Verticillium lecanii</i> 5789
AVRDC 0423B <i>Metarhizium anisopliae</i>	sensu lato 8877	AVRDC 0561B <i>Metarhizium anisopliae</i>	sensu lato 9235	HWA 143/2 <i>Lecanicillium lecanii</i> 5829
AVRDC 0432B <i>Metarhizium anisopliae</i>	sensu lato 8878	AVRDC 0567B <i>Metarhizium anisopliae</i>	sensu lato 8906	HWA 144 <i>Isaria farinosa</i> 5790
AVRDC 0437B <i>Metarhizium anisopliae</i>	sensu lato 8879	AVRDC 0587B <i>Purpureocillium lilacinum</i> 8922		HWA 159 <i>Lecanicillium muscarium</i> 5791
AVRDC 0439B <i>Metarhizium anisopliae</i>	sensu lato 8880	AVRDC 0588B <i>Lecanicillium muscarium</i>	8923	HWA 175 <i>Isaria farinosa</i> 5792
AVRDC 0440B <i>Metarhizium anisopliae</i>	sensu lato 8881	AVRDC 0592B <i>Metarhizium anisopliae</i>	sensu lato 8907	HWA 236 <i>Verticillium lecanii</i> 5793
AVRDC 0441B <i>Metarhizium anisopliae</i>	sensu lato 8882	AVRDC 0599B <i>Metarhizium anisopliae</i>	sensu lato 8908	HWA 24 <i>Verticillium lecanii</i> 5781
AVRDC 0442B <i>Metarhizium anisopliae</i>	sensu lato 8883	AVRDC 0602B <i>Metarhizium anisopliae</i>	sensu lato 8950	HWA 242/1 <i>Lecanicillium lecanii</i> 5794
AVRDC 0449B <i>Metarhizium anisopliae</i>	sensu lato 8884	AVRDC 0611B <i>Metarhizium anisopliae</i>	sensu lato 8909	HWA 242/2 <i>Beauveria bassiana(?)</i> 5815
AVRDC 0450B <i>Metarhizium anisopliae</i>	sensu lato 8885	AVRDC 0612B <i>Metarhizium anisopliae</i>	sensu lato 8910	HWA 280 <i>Lecanicillium muscarium</i> 5795
AVRDC 0451B <i>Metarhizium anisopliae</i>	sensu lato 8886	AVRDC 0614B <i>Metarhizium anisopliae</i>	sensu lato 8911	HWA 289/1 <i>Beauveria bassiana</i> 5796
AVRDC 0458B <i>Metarhizium anisopliae</i>	sensu lato 8887	AVRDC-0058B Unidentified sp. 4859		HWA 303 <i>Isaria farinosa</i> 5797
AVRDC 0459B <i>Metarhizium anisopliae</i>	sensu lato 8912	AVRDC-0321B Unidentified sp. 4860		HWA 304 <i>Lecanicillium muscarium</i> 5798
AVRDC 0462B <i>Metarhizium anisopliae</i>	sensu lato 8913	AVRDC-0337B Unidentified sp. 4861		HWA 305 <i>Isaria farinosa</i> 5799
AVRDC 0465B <i>Metarhizium anisopliae</i>	sensu lato 8914	AVRDC-0440B <i>Metarhizium anisopliae</i>	sensu lato 4862	HWA 306 <i>Isaria farinosa</i> 5800
AVRDC 0467B <i>Metarhizium anisopliae</i>	sensu lato 8894	AVRDC-0447B <i>Fusarium</i> sp. 4863		HWA 307 <i>Isaria farinosa</i> 5830
AVRDC 0468B <i>Metarhizium anisopliae</i>	sensu lato 8895	AVRDC-0454B <i>Fusarium</i> sp. 4864		HWA 308 <i>Isaria farinosa</i> 5801
AVRDC 0469B <i>Metarhizium anisopliae</i>	sensu lato 8896	AVRDC-0492B <i>Metarhizium anisopliae</i>	sensu lato 4865	HWA 309 <i>Isaria farinosa</i> 5802
AVRDC 0470B <i>Metarhizium anisopliae</i>	sensu lato 8897	AVRDC-0511B <i>Beauveria bassiana</i> 4866		HWA 310 <i>Fusarium</i> sp. 5803
		AVRDC-0558B <i>Lecanicillium psalliotae(?)</i> 4867		HWA 4 <i>Lecanicillium muscarium(?)</i> 5777
		GA 339 Unidentified / Zygomycetes	6119	HWA 60/1 <i>Lecanicillium muscarium</i> 5828
		GA-113 <i>Conidiobolus</i> sp. 5404		HWA 61/2 <i>Lecanicillium muscarium</i> 5782
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83-48 <i>Beauveria bassiana</i> 1073	88108 <i>Zoophthora radicans</i> 2711	A7 <i>Beauveria bassiana</i> 1175
83-49 <i>Beauveria bassiana</i> 1074	88111 <i>Zoophthora radicans</i> 2698	A8 <i>Beauveria bassiana</i> 1309
83-54 <i>Beauveria bassiana</i> 1075	88113 <i>Zoophthora radicans</i> 2699	A9 <i>Fusarium</i> sp. 1310
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83-615 <i>Beauveria bassiana</i> 1159	88129 <i>Zoophthora radicans</i> 2714	J2 <i>Beauveria bassiana</i> 1177
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83-634 <i>Beauveria bassiana</i> 1158	8817B <i>Zoophthora radicans</i> 2708	TJP901 <i>Beauveria bassiana</i> 5436
83-639 <i>Beauveria bassiana</i> 1156	8817B <i>Zoophthora radicans</i> 3163	TJP902 <i>Beauveria bassiana</i> 5437
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83-703 <i>Beauveria bassiana</i> 1169	8819A <i>Zoophthora radicans</i> 3115	TJP905 <i>Beauveria bassiana</i> 5440
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8619 <i>Entomophthora muscae</i> 2264	8823A <i>Zoophthora radicans</i> 3164	TJP910 <i>Beauveria bassiana</i> 5445
8622 <i>Entomophthora muscae</i> 2265	8824A <i>Zoophthora radicans</i> 3150	TJP911 <i>Beauveria bassiana</i> 5446
8624 <i>Entomophthora muscae</i> 2266	8824B <i>Zoophthora radicans</i> 2702	TJP912 <i>Beauveria bassiana</i> 5447
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8628 <i>Scopulariopsis</i> sp. 2255	8825A <i>Zoophthora radicans</i> 2706	TJP914 <i>Beauveria bassiana</i> 5449
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8630 <i>Beauveria bassiana</i> 2254	8825B <i>Zoophthora radicans</i> 3118	TJP916 <i>Beauveria bassiana</i> 5451
8631 <i>Zoophthora radicans</i> 2256	8826 <i>Zoophthora radicans</i> 2701	TJP917 <i>Beauveria bassiana</i> 5452
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F034 <i>Metarhizium anisopliae</i> sensu lato 4239	F108 <i>Metarhizium anisopliae</i> sensu lato 4646	F166 <i>Metarhizium brunneum</i> 4158
F035 <i>Metarhizium anisopliae</i> sensu lato 4592	F110 <i>Metarhizium anisopliae</i> sensu lato 4627	F167 <i>Metarhizium anisopliae</i> sensu lato 4286
F036 <i>Metarhizium anisopliae</i> sensu lato 4142	F111 <i>Metarhizium anisopliae</i> sensu lato 4252	F169 <i>Metarhizium anisopliae</i> sensu lato 4159
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F038 <i>Penicillium</i> sp. 4143	F114 <i>Metarhizium anisopliae</i> sensu lato 4246	F171 <i>Metarhizium anisopliae</i> sensu lato 4161
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F046 <i>Metarhizium robertsii</i> 4241	F120 <i>Metarhizium brunneum</i> 4228	F178 <i>Metarhizium anisopliae</i> sensu lato 4259
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F336 <i>Beauveria pseudobassiana</i> 4571	F385 <i>Metarhizium frigidum</i> 4561	F448 <i>Metarhizium anisopliae</i> sensu lato 4295
F337 <i>Metarhizium anisopliae</i> sensu lato 4264	F386 <i>Metarhizium anisopliae</i> sensu lato 4291	F450 <i>Metarhizium anisopliae</i> sensu lato 4648
F338 <i>Metarhizium anisopliae</i> sensu lato 4594	F388 <i>Metarhizium anisopliae</i> sensu lato 4759	F458 <i>Metarhizium anisopliae</i> sensu lato 4652
F339 <i>Metarhizium anisopliae</i> sensu lato 4606	F389 <i>Metarhizium anisopliae</i> sensu lato 4664	F459 <i>Beauveria australis</i> 4622
F340 <i>Metarhizium anisopliae</i> sensu lato 4634	F390 <i>Metarhizium anisopliae</i> sensu lato 4676	F460 <i>Beauveria australis</i> 4580
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F344 <i>Metarhizium anisopliae</i> sensu lato 4743	F393 <i>Metarhizium flavoviride</i> 4304	F471 <i>Tolyphocladium inflatum</i> 4772
F346 <i>Beauveria bassiana</i> 4744	F394 <i>Metarhizium anisopliae</i> sensu lato 4626	F472 <i>Tolyphocladium inflatum</i> 4575
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F349 <i>Metarhizium anisopliae</i> sensu lato 4746	F397 <i>Metarhizium anisopliae</i> sensu lato 4322	F475 <i>Metarhizium lepidiotae</i> 4660
F350 <i>Metarhizium anisopliae</i> sensu lato 4747	F398 <i>Metarhizium anisopliae</i> sensu lato 4585	F476 <i>Metarhizium lepidiotae</i> 4587
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F352 <i>Metarhizium anisopliae</i> sensu lato 4749	F400 <i>Metarhizium anisopliae</i> sensu lato 4760	F478 <i>Metarhizium anisopliae</i> sensu lato 4582
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F355 <i>Metarhizium anisopliae</i> sensu lato 4752	F404 <i>Metarhizium anisopliae</i> sensu lato 4761	F481 <i>Metarhizium anisopliae</i> sensu lato 4557
F356 <i>Metarhizium anisopliae</i> sensu lato 4655	F405 <i>Metarhizium anisopliae</i> sensu lato 4762	F483 <i>Metarhizium anisopliae</i> sensu lato 4333
F359 <i>Metarhizium anisopliae</i> sensu lato 4603	F406 <i>Metarhizium anisopliae</i> sensu lato 4763	F484 <i>Metarhizium anisopliae</i> sensu lato 4335
F361 <i>Metarhizium anisopliae</i> sensu lato 4573		F485 <i>Metarhizium anisopliae</i> sensu lato 4339
F362 <i>Metarhizium anisopliae</i> sensu lato 4753		F486 <i>Metarhizium anisopliae</i> sensu lato 4338
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F495 *Metarhizium anisopliae* sensu lato  
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F497 *Metarhizium anisopliae* sensu lato  
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F498 *Metarhizium anisopliae* sensu lato  
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F499 *Metarhizium anisopliae* sensu lato  
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F505 *Metarhizium acridum* 4605  
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F508 *Metarhizium anisopliae* sensu lato  
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F510 *Metarhizium anisopliae* sensu lato  
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F511 *Metarhizium anisopliae* sensu lato  
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F512 *Metarhizium anisopliae* sensu lato  
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F513 *Metarhizium anisopliae* sensu lato  
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0243 *Cordyceps* sp. 6281  
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- Reid, William**  
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- Reis Pena, Márcia**  
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- Remaudière, Georges**  
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- Reyes, Enrique Reyes Dominguez**  
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BbCO1 *Beauveria bassiana* 3818  
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BbCO2 Unidentified sp. 3821  
BbH Unidentified sp. 3821  
MBCH Unidentified sp. 3806  
MBP Unidentified sp. 3805  
PF2 Unidentified sp. 3798  
PF3 Unidentified sp. 3799  
PF4 *Isaria fumosorosea* 3800  
PFRD Unidentified sp. 3803  
PFY Unidentified sp. 3807  
SMB1 Unidentified sp. 3801  
SMBIII Unidentified sp. 3802  
VD Unidentified sp. 3804
- Riba, Guy**  
C-37 *Gibellula* sp. 1669  
NR-11 *Nomuraea rileyi* 1670  
NR-5 *Nomuraea rileyi* 1671
- Riethmacher, Guenter W.**  
A1 *Geotrichum* sp. 2752  
A3 *Aspergillus* sp. 2765  
B10C *Beauveria bassiana* 2725  
B10K Unidentified sp. 2746  
B10M *Isaria farinosa* 2724  
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B18b *Mixed Culture* sp. 2810  
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B34 *Metarhizium pingshaense* 3180  
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B37b *Mixed Culture* sp. 3182  
B38 *Isaria farinosa* 3183  
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B4 Mixed Culture sp. 2738  
B40 *Isaria farinosa* 3185  
B41 *Isaria farinosa* 3186  
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B43c *Scopulariopsis* sp. 3189  
B44a *Metarhizium anisopliae* sensu lato  
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B45a *Isaria amoenerosea* 3192  
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B47b *Aspergillus* sp. 3195  
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B4T8 *Metarhizium brunneum* 2742  
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B5R9 *Isaria fumosorosea* 2744  
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Bet2 *Beauveria bassiana* 3198  
Bet3 *Beauveria bassiana* 3199  
BP *Beauveria bassiana* 2737  
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C2 *Conidiobolus firmipilleus* 2731  
C3 *Conidiobolus* sp. 2771  
C4 *Conidiobolus* sp. 2772  
C4.1a *Conidiobolus* sp. 3208  
C5 *Conidiobolus* sp. 2815  
C6 *Conidiobolus* sp. 2816  
E1 *Aspergillus* sp. 2817  
E2 *Zoophthora radicans* 2893  
E3 *Zoophthora radicans* 3204  
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E5 *Zoophthora radicans* 3205  
E6 *Zoophthora radicans* 3206  
E7 *Aspergillus* sp. 2820  
E8 Unidentified sp. 2821  
EB1 *Beniowskia* sp. 2751  
EB10 *Scopulariopsis* sp. 3203  
EB2 *Zoophthora radicans* 2732  
EB3 *Pandora blunckii* 3200  
EB4 *Pandora blunckii* 2824  
EB6 *Pandora* sp. 3201  
EB7 *Pandora blunckii* 3202

L1 <i>Beauveria bassiana</i> 2727	291014 <i>Metarhizium anisopliae</i> sensu lato 1744	BPH-7 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1289
L2 <i>Beauveria bassiana</i> 2728	291015 <i>Metarhizium anisopliae</i> sensu lato 1727	BPH-8 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1275
L3 <i>Beauveria bassiana</i> 2729	291016 <i>Metarhizium anisopliae</i> sensu lato 1745	Bq <i>Metarhizium flavoviride</i> var. <i>minus</i> 1272
L4 <i>Isaria fumosorosea</i> 2749	291017 <i>Metarhizium pingshaense</i> 1725	BSS-1 <i>Beauveria bassiana</i> 286
M1 <i>Isaria fumosorosea</i> 2734	29103 <i>Metarhizium pingshaense</i> 1724	BSS-2 <i>Beauveria bassiana</i> 287
Ma1 <i>Metarhizium pingshaense</i> 2735	29103b <i>Metarhizium anisopliae</i> sensu lato 1823	BSS-3 <i>Beauveria bassiana</i> 288
Ma2 <i>Fusarium</i> sp. 2736	2910B <i>Metarhizium pingshaense</i> 1729	BSS-4 <i>Beauveria bassiana</i> 289
T11 <i>Myrothecium verrucaria</i> 2741	2A2-B(b) <i>Beauveria bassiana</i> 333	BSS-5 <i>Beauveria bassiana</i> 290
T6.1 <i>Mixed Culture</i> sp. 2740	2A3-B(a) <i>Beauveria bassiana</i> 334	C <i>Metarhizium flavoviride</i> var. <i>minus</i> 1292
<b>Riethmacher, Günther</b>	2B2-A <i>Beauveria bassiana</i> 335	CLB-2 <i>Beauveria bassiana</i> 296
EB4 <i>Fusarium</i> sp. 2776	3T <i>Beauveria bassiana</i> 291	D <i>Metarhizium anisopliae</i> sensu lato 1304
<b>Roberts, Donald W.</b>	5A <i>Metarhizium flavoviride</i> var. <i>minus</i> 1302	DWR 170 <i>Metarhizium anisopliae</i> sensu lato 6862
(i) I <i>Metarhizium flavoviride</i> var. <i>minus</i> 1288	81280 <i>Metarhizium anisopliae</i> sensu lato 543	DWR 04 <i>Metarhizium taii</i> 6750
0 <i>Neozygites floridana</i> (?) 5376	81380-4 <i>Conidiobolus coronatus</i> 511	DWR 05 <i>Metarhizium taii</i> 6751
020184-2A <i>Entomophaga</i> sp. 1126	82180-13b <i>Purpureocillium lilacinum</i> 531	DWR 06 <i>Metarhizium taii</i> 6752
040485-6 <i>Hirsutella citriformis</i> 1913	82180-2a <i>Hirsutella citriformis</i> 532	DWR 069 <i>Metarhizium anisopliae</i> sensu lato 6994
090485-3 <i>Nomuraea rileyi</i> 1879	82180-4a <i>Conidiobolus coronatus</i> 512	DWR 09 <i>Metarhizium taii</i> 6753
1 <i>Neozygites floridana</i> (?) 5201	82180-4c <i>Conidiobolus coronatus</i> 524	DWR 10 <i>Metarhizium taii</i> 6754
100881-2 <i>Trichothecium</i> sp. 653	82180-7b <i>Conidiobolus</i> sp. 522	DWR 1000 <i>Beauveria bassiana</i> 10873
100881-4-3 <i>Pandora delphacis</i> 664	82180-7c <i>Conidiobolus coronatus</i> 514	DWR 1001 <i>Beauveria bassiana</i> 10874
100981-1 <i>Pandora delphacis</i> 716	82380-19 <i>Conidiobolus</i> sp. 517	DWR 1002 <i>Beauveria pseudobassiana</i> 10875
100981-3 <i>Pandora delphacis</i> 673	82380-20 <i>Conidiobolus coronatus</i> 520	DWR 1003 <i>Beauveria bassiana</i> 10876
100981-4 <i>Pandora delphacis</i> 674	82380-22 <i>Conidiobolus coronatus</i> 523	DWR 1004 <i>Beauveria bassiana</i> 10877
101081-1 <i>Pandora delphacis</i> 686	82880-1 <i>Tilletiopsis</i> sp. 573	DWR 1005 <i>Beauveria bassiana</i> 10878
101081-2-3 <i>Pandora delphacis</i> 682	82880-11 <i>Conidiobolus coronatus</i> 525	DWR 1006 <i>Beauveria bassiana</i> 10879
101081-3 <i>Pandora delphacis</i> 668	82880-2 <i>Tilletiopsis</i> sp. 527	DWR 1007 <i>Beauveria bassiana</i> 10880
101081-4 <i>Pandora delphacis</i> 657	82880-2 <i>Tilletiopsis</i> sp. 572	DWR 1008 <i>Beauveria bassiana</i> 10881
101081-5-3 <i>Pandora delphacis</i> 672	82980-1 <i>Conidiobolus coronatus</i> 528	DWR 1009 <i>Beauveria bassiana</i> 10882
101081-6 <i>Paecilomyces</i> sp. 680	A <i>Conidiobolus coronatus</i> 418	DWR 1010 <i>Beauveria bassiana</i> 10883
101081-6-2 <i>Pandora delphacis</i> 659	A1 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1291	DWR 1011 <i>Beauveria bassiana</i> 10884
101081-6-2 <i>Pandora delphacis</i> 660	A10 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1303	DWR 1012 <i>Beauveria bassiana</i> 10885
101181-4 <i>Fusarium</i> sp. 687	A8 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1099	DWR 1013 <i>Beauveria bassiana</i> 10886
101381-1 <i>Pandora delphacis</i> 670	A9 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1297	DWR 1014 <i>Beauveria bassiana</i> 10887
101481-4-1 <i>Beauveria brongniartii</i> 678	B <i>Conidiobolus coronatus</i> 419	DWR 1015 <i>Beauveria bassiana</i> 10888
101481-5 <i>Beauveria amorphia</i> 656	Bbass-2 <i>Beauveria bassiana</i> 302	DWR 1016 <i>Beauveria bassiana</i> 10889
101981-1 <i>Beauveria bassiana</i> 652	Bbass-3 <i>Beauveria bassiana</i> 303	DWR 1017 <i>Beauveria bassiana</i> 10890
102081-1 <i>Beauveria bassiana</i> 679	Bbass-4 <i>Beauveria bassiana</i> 304	DWR 1018 <i>Beauveria bassiana</i> 10891
102081-2 <i>Beauveria bassiana</i> 654	Bbass-5 <i>Beauveria bassiana</i> 305	DWR 1019 <i>Beauveria bassiana</i> 10892
102181-1 <i>Pandora delphacis</i> 666	BPH-10 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1287	DWR 1020 <i>Beauveria bassiana</i> 10893
102181-1 <i>Beauveria bassiana</i> 714	BPH-11 <i>Metarhizium anisopliae</i> sensu lato 1290	DWR 1021 <i>Beauveria bassiana</i> 10894
102181-12 <i>Zoophthora radicans</i> 685	BPH-12 <i>Metarhizium anisopliae</i> sensu lato 1284	DWR 1022 <i>Beauveria bassiana</i> 10895
102181-2 <i>Pandora delphacis</i> 669	BPH-13 <i>Metarhizium anisopliae</i> sensu lato 1285	DWR 1023 <i>Beauveria bassiana</i> 10896
102181-4 <i>Pandora delphacis</i> 713	BPH-3[?] <i>Metarhizium flavoviride</i> var. <i>minus</i> 1294	DWR 1024 <i>Beauveria bassiana</i> 10897
102181-5 <i>Pandora delphacis</i> 676	BPH-3[?] <i>Metarhizium flavoviride</i> var. <i>minus</i> 1295	DWR 1025 <i>Beauveria bassiana</i> 10898
102181-6 <i>Pandora delphacis</i> 667	BPH-4 <i>Metarhizium anisopliae</i> sensu lato 1286	DWR 1026 <i>Beauveria bassiana</i> 10899
102181-9 <i>Pandora delphacis</i> 665	BPH-5 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1274	DWR 1027 <i>Beauveria bassiana</i> 10900
102381-2 <i>Conidiobolus lachnoides</i> 700	BPH-6 <i>Metarhizium flavoviride</i> var. <i>minus</i> 1296	DWR 1028 <i>Beauveria bassiana</i> 10901
102381-6 <i>Conidiobolus coronatus</i> 655		DWR 1029 <i>Beauveria bassiana</i> 10902
102381-9 <i>Metarhizium guizhouense</i> 683		DWR 1030 <i>Beauveria bassiana</i> 10903
102981-2 <i>Hirsutella citriformis</i> 684		DWR 1031 <i>Beauveria bassiana</i> 10904
103a <i>Metarhizium anisopliae</i> sensu lato 1903		DWR 1032 <i>Beauveria bassiana</i> 10905
110485-2 <i>Entomophaga</i> sp. 1881		DWR 1033 <i>Beauveria bassiana</i> 10906
1110 <i>Beauveria bassiana</i> 285		DWR 1034 <i>Beauveria bassiana</i> 10907
2 <i>Neozygites floridana</i> (?) 5202		DWR 1035 <i>Beauveria bassiana</i> 10908
26102a <i>Conidiobolus</i> nr. <i>coronatus</i> 1742		DWR 1036 <i>Beauveria bassiana</i> 10909
26104 <i>Conidiobolus</i> nr. <i>coronatus</i> 1743		DWR 1037 <i>Beauveria bassiana</i> 10910
26105 <i>Pandora delphacis</i> 1731		DWR 1038 <i>Beauveria bassiana</i> 10911
26108 <i>Pandora delphacis</i> 1730		DWR 1039 <i>Beauveria bassiana</i> 10912
291001 <i>Metarhizium anisopliae</i> sensu lato 1728		
291013 <i>Metarhizium anisopliae</i> sensu lato 1726		

## Alternate Collections

*Roberts, Donald W.*

DWR 1232 <i>Beauveria bassiana</i> 11076	DWR 1296 <i>Metarhizium</i> sp. 9972	DWR 1364 <i>Beauveria bassiana</i> 11155
DWR 1233 <i>Beauveria bassiana</i> 11077	DWR 1297 <i>Metarhizium</i> sp. 9973	DWR 1365 <i>Beauveria bassiana</i> 11156
DWR 1234 <i>Beauveria bassiana</i> 11078	DWR 1298 <i>Beauveria bassiana</i> 11106	DWR 1366 <i>Beauveria bassiana</i> 11157
DWR 1235 <i>Beauveria bassiana</i> 11079	DWR 1299 <i>Beauveria bassiana</i> 11107	DWR 1367 <i>Beauveria bassiana</i> 11158
DWR 1236 <i>Beauveria bassiana</i> 11080	DWR 1300 <i>Beauveria bassiana</i> 11108	DWR 1368 <i>Beauveria bassiana</i> 11159
DWR 1237 <i>Beauveria bassiana</i> 11081	DWR 1301 <i>Beauveria bassiana</i> 11109	DWR 1369 <i>Beauveria bassiana</i> 11160
DWR 1238 <i>Beauveria bassiana</i> 11082	DWR 1302 <i>Beauveria pseudobassiana</i> 11110	DWR 137 <i>Metarhizium anisopliae</i> sensu lato 6761
DWR 1239 <i>Metarhizium</i> sp. 9879	DWR 1303 <i>Beauveria bassiana</i> 11111	DWR 1370 <i>Beauveria bassiana</i> 11161
DWR 1240 <i>Metarhizium</i> sp. 9880	DWR 1304 <i>Beauveria bassiana</i> 11112	DWR 1371 <i>Beauveria bassiana</i> 11162
DWR 1241 <i>Metarhizium</i> sp. 9881	DWR 1305 <i>Beauveria amorpha</i> 11113	DWR 1372 <i>Beauveria bassiana</i> 11163
DWR 1242 <i>Metarhizium</i> sp. 9882	DWR 1306 <i>Beauveria bassiana</i> 11114	DWR 1373 <i>Beauveria bassiana</i> 11164
DWR 1243 <i>Metarhizium</i> sp. 9883	DWR 1307 <i>Beauveria bassiana</i> 11115	DWR 1374 <i>Metarhizium</i> sp. 9987
DWR 1244 <i>Metarhizium</i> sp. 9884	DWR 1308 <i>Beauveria bassiana</i> 11116	DWR 1375 <i>Metarhizium</i> sp. 9988
DWR 1245 <i>Metarhizium</i> sp. 9885	DWR 1309 <i>Beauveria bassiana</i> 11117	DWR 1376 <i>Metarhizium</i> sp. 9989
DWR 1246 <i>Metarhizium</i> sp. 9886	DWR 1310 <i>Metarhizium</i> sp. 9974	DWR 1377 <i>Metarhizium</i> sp. 9990
DWR 1247 <i>Metarhizium</i> sp. 9946	DWR 1311 <i>Beauveria bassiana</i> 11118	DWR 1378 <i>Metarhizium</i> sp. 9991
DWR 1248 <i>Metarhizium</i> sp. 9947	DWR 1312 <i>Beauveria bassiana</i> 11119	DWR 1379 <i>Metarhizium</i> sp. 9992
DWR 1249 <i>Metarhizium</i> sp. 9948	DWR 1313 <i>Beauveria bassiana</i> 11120	DWR 138 <i>Metarhizium anisopliae</i> sensu lato 6762
DWR 1250 <i>Metarhizium</i> sp. 9949	DWR 1314 <i>Beauveria bassiana</i> 11121	DWR 1380 <i>Metarhizium</i> sp. 9993
DWR 1251 <i>Metarhizium</i> sp. 9950	DWR 1315 <i>Beauveria bassiana</i> 11122	DWR 1381 <i>Metarhizium</i> sp. 9994
DWR 1252 <i>Metarhizium</i> sp. 9951	DWR 1316 <i>Beauveria bassiana</i> 11123	DWR 1382 <i>Metarhizium</i> sp. 9995
DWR 1253 <i>Metarhizium</i> sp. 9952	DWR 1317 <i>Beauveria bassiana</i> 11124	DWR 1387 <i>Metarhizium</i> sp. 9996
DWR 1254 <i>Metarhizium</i> sp. 9953	DWR 1318 <i>Beauveria bassiana</i> 11125	DWR 1395 <i>Metarhizium</i> sp. 9997
DWR 1255 <i>Metarhizium</i> sp. 9954	DWR 1319 <i>Beauveria bassiana</i> 11126	DWR 1399 <i>Metarhizium</i> sp. 9998
DWR 1256 <i>Metarhizium</i> sp. 9955	DWR 1320 <i>Beauveria bassiana</i> 11127	DWR 1400 <i>Beauveria bassiana</i> 11165
DWR 1257 <i>Beauveria bassiana</i> 11083	DWR 1321 <i>Beauveria bassiana</i> 11128	DWR 1401 <i>Beauveria bassiana</i> 11166
DWR 1258 <i>Beauveria bassiana</i> 11084	DWR 1322 <i>Beauveria bassiana</i> 11129	DWR 1402 <i>Beauveria bassiana</i> 11167
DWR 1259 <i>Beauveria bassiana</i> 11085	DWR 1323 <i>Beauveria bassiana</i> 11130	DWR 1403 <i>Beauveria bassiana</i> 11168
DWR 1260 <i>Beauveria bassiana</i> 11086	DWR 1324 <i>Metarhizium</i> sp. 9975	DWR 1404 <i>Beauveria bassiana</i> 11169
DWR 1261 <i>Beauveria pseudobassiana</i> 11087	DWR 1325 <i>Metarhizium</i> sp. 9976	DWR 1405 <i>Beauveria bassiana</i> 11170
DWR 1262 <i>Beauveria bassiana</i> 11088	DWR 1326 <i>Metarhizium</i> sp. 9977	DWR 1406 <i>Beauveria bassiana</i> 11171
DWR 1263 <i>Beauveria bassiana</i> 11089	DWR 1327 <i>Metarhizium</i> sp. 9978	DWR 1408 <i>Metarhizium</i> sp. 9999
DWR 1264 <i>Beauveria bassiana</i> 11090	DWR 1328 <i>Beauveria bassiana</i> 11131	DWR 1409 <i>Metarhizium</i> sp. 10001
DWR 1265 <i>Beauveria bassiana</i> 11091	DWR 1329 <i>Beauveria bassiana</i> 11132	DWR 1410 <i>Metarhizium</i> sp. 10002
DWR 1266 <i>Beauveria bassiana</i> 11092	DWR 1330 <i>Beauveria bassiana</i> 11133	DWR 1411 <i>Metarhizium</i> sp. 10003
DWR 1267 <i>Beauveria bassiana</i> 11093	DWR 1331 <i>Beauveria bassiana</i> 11134	DWR 1412 <i>Metarhizium</i> sp. 10004
DWR 1268 <i>Beauveria bassiana</i> 11094	DWR 1332 <i>Beauveria bassiana</i> 11135	DWR 1413 <i>Metarhizium</i> sp. 10005
DWR 1269 <i>Beauveria bassiana</i> 11095	DWR 1333 <i>Beauveria bassiana</i> 11136	DWR 1414 <i>Metarhizium</i> sp. 10006
DWR 1270 <i>Beauveria bassiana</i> 11096	DWR 1334 <i>Beauveria bassiana</i> 11137	DWR 1415 <i>Metarhizium</i> sp. 10007
DWR 1271 <i>Beauveria bassiana</i> 11097	DWR 1335 <i>Beauveria bassiana</i> 11138	DWR 1416 <i>Metarhizium</i> sp. 10008
DWR 1272 <i>Beauveria bassiana</i> 11098	DWR 1336 <i>Beauveria bassiana</i> 11139	DWR 1417 <i>Metarhizium</i> sp. 10009
DWR 1273 <i>Beauveria bassiana</i> 11099	DWR 1337 <i>Metarhizium</i> sp. 9979	DWR 1418 <i>Metarhizium</i> sp. 10010
DWR 1274 <i>Beauveria bassiana</i> 11100	DWR 1338 <i>Metarhizium</i> sp. 9980	DWR 1419 <i>Metarhizium</i> sp. 10011
DWR 1275 <i>Beauveria bassiana</i> 11101	DWR 1339 <i>Beauveria bassiana</i> 11140	DWR 142 <i>Metarhizium anisopliae</i> sensu lato 6989
DWR 1276 <i>Beauveria bassiana</i> 11102	DWR 1340 <i>Beauveria bassiana</i> 11141	DWR 1420 <i>Metarhizium</i> sp. 10012
DWR 1277 <i>Beauveria bassiana</i> 11103	DWR 1341 <i>Beauveria bassiana</i> 11142	DWR 1421 <i>Metarhizium</i> sp. 10013
DWR 1278 <i>Beauveria bassiana</i> 11104	DWR 1342 <i>Beauveria bassiana</i> 11143	DWR 1422 <i>Metarhizium</i> sp. 10014
DWR 1279 <i>Beauveria pseudobassiana</i> 11105	DWR 1343 <i>Beauveria bassiana</i> 11144	DWR 1423 <i>Beauveria bassiana</i> 11172
DWR 1280 <i>Metarhizium</i> sp. 9956	DWR 1344 <i>Metarhizium</i> sp. 9981	DWR 1424 <i>Beauveria bassiana</i> 11173
DWR 1281 <i>Metarhizium</i> sp. 9957	DWR 1345 <i>Metarhizium</i> sp. 9982	DWR 1425 <i>Beauveria bassiana</i> 11174
DWR 1282 <i>Metarhizium</i> sp. 9958	DWR 1346 <i>Metarhizium</i> sp. 9983	DWR 1426 <i>Beauveria bassiana</i> 11175
DWR 1283 <i>Metarhizium</i> sp. 9959	DWR 1347 <i>Metarhizium</i> sp. 9984	DWR 1427 <i>Beauveria bassiana</i> 11176
DWR 1284 <i>Metarhizium</i> sp. 9960	DWR 1348 <i>Beauveria bassiana</i> 11145	DWR 1428 <i>Beauveria bassiana</i> 11177
DWR 1285 <i>Metarhizium</i> sp. 9961	DWR 1349 <i>Beauveria bassiana</i> 11146	DWR 1429 <i>Beauveria bassiana</i> 11178
DWR 1286 <i>Metarhizium</i> sp. 9962	DWR 1350 <i>Beauveria bassiana</i> 11147	DWR 1430 <i>Beauveria bassiana</i> 11179
DWR 1287 <i>Metarhizium</i> sp. 9963	DWR 1351 <i>Beauveria bassiana</i> 11148	DWR 1431 <i>Beauveria bassiana</i> 11180
DWR 1288 <i>Metarhizium</i> sp. 9964	DWR 1352 <i>Beauveria bassiana</i> 11149	DWR 1432 <i>Beauveria bassiana</i> 11181
DWR 1289 <i>Metarhizium</i> sp. 9965	DWR 1353 <i>Beauveria bassiana</i> 12194	DWR 1433 <i>Beauveria bassiana</i> 11182
DWR 1290 <i>Metarhizium</i> sp. 9966	DWR 1354 <i>Beauveria bassiana</i> 11150	DWR 1434 <i>Beauveria bassiana</i> 11183
DWR 1291 <i>Metarhizium</i> sp. 9967	DWR 1355 <i>Beauveria bassiana</i> 11151	DWR 1435 <i>Beauveria bassiana</i> 11184
DWR 1292 <i>Metarhizium</i> sp. 9968	DWR 1356 <i>Beauveria bassiana</i> 11152	DWR 1436 <i>Beauveria bassiana</i> 11185
DWR 1293 <i>Metarhizium</i> sp. 9969	DWR 1357 <i>Beauveria bassiana</i> 11153	DWR 1437 <i>Myriodontium keratinophilum</i> ■
DWR 1294 <i>Metarhizium</i> sp. 9970	DWR 1358 <i>Beauveria bassiana</i> 11154	11186
DWR 1295 <i>Metarhizium</i> sp. 9971	DWR 1359 <i>Beauveria bassiana</i> 11155	
	DWR 1360 <i>Metarhizium</i> sp. 9985	
	DWR 1361 <i>Metarhizium</i> sp. 9986	
	DWR 1362 <i>Metarhizium</i> sp. 9986	
	DWR 1363 <i>Beauveria bassiana</i> 11154	

DWR 1438 <i>Beauveria bassiana</i> 11187	DWR 1497 <i>Beauveria bassiana</i> 11226	DWR 1563 <i>Beauveria bassiana</i> 11269
DWR 1439 <i>Beauveria bassiana</i> 11188	DWR 1498 <i>Beauveria bassiana</i> 11227	DWR 1564 <i>Beauveria bassiana</i> 11270
DWR 144 Metarhizium anisopliae sensu lato 6990	DWR 1499 <i>Beauveria bassiana</i> 11228	DWR 1565 <i>Beauveria bassiana</i> 11271
DWR 1440 <i>Beauveria bassiana</i> 11189	DWR 1500 <i>Beauveria bassiana</i> 11229	DWR 1566 <i>Beauveria bassiana</i> 11272
DWR 1441 <i>Beauveria bassiana</i> 11190	DWR 1501 <i>Beauveria bassiana</i> 11230	DWR 1567 <i>Beauveria bassiana</i> 11273
DWR 1442 <i>Beauveria bassiana</i> 11191	DWR 1502 <i>Beauveria bassiana</i> 11231	DWR 1568 <i>Beauveria bassiana</i> 11274
DWR 1443 <i>Beauveria bassiana</i> 11192	DWR 1503 <i>Beauveria bassiana</i> 11232	DWR 1569 <i>Beauveria bassiana</i> 11275
DWR 1444 <i>Beauveria bassiana</i> 11193	DWR 1504 <i>Beauveria bassiana</i> 11233	DWR 1570 <i>Beauveria bassiana</i> 11276
DWR 1445 <i>Beauveria bassiana</i> 11194	DWR 1505 <i>Beauveria bassiana</i> 11234	DWR 1571 <i>Beauveria bassiana</i> 11277
DWR 1446 <i>Metarhizium</i> sp. 10015	DWR 1506 <i>Metarhizium</i> sp. 10030	DWR 1572 <i>Beauveria bassiana</i> 11278
DWR 1447 <i>Metarhizium</i> sp. 10016	DWR 1507 <i>Metarhizium</i> sp. 10031	DWR 1573 <i>Beauveria bassiana</i> 11279
DWR 1448 <i>Metarhizium</i> sp. 10017	DWR 1508 <i>Beauveria bassiana</i> 11235	DWR 1574 <i>Beauveria bassiana</i> 11280
DWR 1449 <i>Metarhizium</i> sp. 10018	DWR 1509 <i>Beauveria bassiana</i> 11236	DWR 1575 <i>Beauveria bassiana</i> 11281
DWR 145 <i>Metarhizium anisopliae</i> sensu lato 6991	DWR 1510 <i>Beauveria bassiana</i> 11237	DWR 1576 <i>Beauveria bassiana</i> 11282
DWR 1450 <i>Metarhizium</i> sp. 10019	DWR 1511 <i>Beauveria bassiana</i> 11238	DWR 1577 <i>Beauveria bassiana</i> 11283
DWR 1451 <i>Metarhizium</i> sp. 10020	DWR 1512 <i>Beauveria bassiana</i> 11239	DWR 1578 <i>Beauveria bassiana</i> 11284
DWR 1455 <i>Beauveria bassiana</i> 11195	DWR 1513 <i>Beauveria bassiana</i> 11240	DWR 1579 <i>Beauveria bassiana</i> 11285
DWR 1456 <i>Beauveria bassiana</i> 11196	DWR 1514 <i>Beauveria bassiana</i> 11241	DWR 158 <i>Metarhizium acridum</i> 6851
DWR 1457 <i>Beauveria bassiana</i> 11197	DWR 1515 <i>Beauveria bassiana</i> 11242	DWR 1580 <i>Metarhizium</i> sp. 10053
DWR 1458 <i>Beauveria bassiana</i> 11198	DWR 1516 <i>Metarhizium</i> sp. 10032	DWR 1581 <i>Metarhizium</i> sp. 10054
DWR 1459 <i>Beauveria bassiana</i> 11199	DWR 1517 <i>Metarhizium</i> sp. 10033	DWR 1582 <i>Metarhizium</i> sp. 10055
DWR 146 <i>Metarhizium anisopliae</i> sensu lato 6763	DWR 1518 <i>Metarhizium</i> sp. 10034	DWR 1583 <i>Metarhizium</i> sp. 10056
DWR 1460 <i>Beauveria bassiana</i> 11200	DWR 1519 <i>Metarhizium</i> sp. 10035	DWR 1584 <i>Metarhizium</i> sp. 10057
DWR 1461 <i>Beauveria bassiana</i> 11201	DWR 1520 <i>Metarhizium</i> sp. 10036	DWR 1585 <i>Beauveria bassiana</i> 11286
DWR 1462 <i>Beauveria bassiana</i> 11202	DWR 1521 <i>Beauveria bassiana</i> 11243	DWR 1586 <i>Beauveria bassiana</i> 11287
DWR 1463 <i>Beauveria bassiana</i> 11203	DWR 1522 <i>Beauveria bassiana</i> 11244	DWR 1587 <i>Beauveria bassiana</i> 11288
DWR 1464 <i>Beauveria bassiana</i> 11204	DWR 1523 <i>Beauveria bassiana</i> 11245	DWR 1588 <i>Beauveria bassiana</i> 11289
DWR 1465 <i>Beauveria bassiana</i> 11205	DWR 1524 <i>Beauveria bassiana</i> 11246	DWR 1589 <i>Beauveria bassiana</i> 11290
DWR 1466 <i>Beauveria bassiana</i> 11206	DWR 1525 <i>Beauveria bassiana</i> 11247	DWR 159 <i>Metarhizium acridum</i> 6852
DWR 1467 <i>Beauveria bassiana</i> 11207	DWR 1526 <i>Beauveria bassiana</i> 11248	DWR 1590 <i>Beauveria bassiana</i> 11291
DWR 1468 <i>Metarhizium</i> sp. 10021	DWR 1527 <i>Metarhizium</i> sp. 10037	DWR 1591 <i>Metarhizium</i> sp. 10058
DWR 1469 <i>Metarhizium</i> sp. 10022	DWR 1528 <i>Metarhizium</i> sp. 10038	DWR 1592 <i>Metarhizium</i> sp. 10059
DWR 147 <i>Metarhizium anisopliae</i> sensu lato 6992	DWR 1529 <i>Beauveria bassiana</i> 11249	DWR 1593 <i>Beauveria bassiana</i> 11292
DWR 1470 <i>Metarhizium</i> sp. 10023	DWR 1530 <i>Beauveria bassiana</i> 11250	DWR 1594 <i>Beauveria bassiana</i> 11293
DWR 1471 <i>Metarhizium</i> sp. 10024	DWR 1531 <i>Beauveria bassiana</i> 11251	DWR 1595 <i>Beauveria bassiana</i> 11294
DWR 1472 <i>Metarhizium</i> sp. 10025	DWR 1532 <i>Beauveria bassiana</i> 11252	DWR 1596 <i>Beauveria bassiana</i> 11295
DWR 1473 <i>Metarhizium</i> sp. 10026	DWR 1533 <i>Beauveria bassiana</i> 11253	DWR 1597 <i>Beauveria bassiana</i> 11296
DWR 1476 <i>Beauveria bassiana</i> 11208	DWR 1534 <i>Beauveria bassiana</i> 11254	DWR 1598 <i>Beauveria bassiana</i> 11297
DWR 1477 <i>Beauveria bassiana</i> 11209	DWR 1535 <i>Beauveria bassiana</i> 11255	DWR 1599 <i>Beauveria bassiana</i> 11298
DWR 1478 <i>Beauveria bassiana</i> 11210	DWR 1536 <i>Beauveria bassiana</i> 11256	DWR 160 <i>Metarhizium acridum</i> 6853
DWR 1479 <i>Beauveria bassiana</i> 11211	DWR 1537 <i>Beauveria bassiana</i> 11257	DWR 1600 <i>Beauveria bassiana</i> 11299
DWR 148 <i>Metarhizium anisopliae</i> sensu lato 6993	DWR 1538 <i>Beauveria bassiana</i> 11258	DWR 1601 <i>Metarhizium</i> sp. 10060
DWR 1480 <i>Beauveria bassiana</i> 11212	DWR 1539 <i>Beauveria bassiana</i> 11259	DWR 1602 <i>Metarhizium</i> sp. 10061
DWR 1481 <i>Beauveria bassiana</i> 11213	DWR 1540 <i>Metarhizium</i> sp. 10039	DWR 1603 <i>Beauveria bassiana</i> 11300
DWR 1482 <i>Beauveria bassiana</i> 11214	DWR 1541 <i>Metarhizium</i> sp. 10040	DWR 1604 <i>Beauveria bassiana</i> 11301
DWR 1483 <i>Beauveria bassiana</i> 11215	DWR 1542 <i>Metarhizium</i> sp. 10041	DWR 1605 <i>Beauveria bassiana</i> 11302
DWR 1484 <i>Beauveria bassiana</i> 11216	DWR 1543 <i>Metarhizium</i> sp. 10042	DWR 1606 <i>Beauveria bassiana</i> 11303
DWR 1485 <i>Beauveria bassiana</i> 11217	DWR 1544 <i>Metarhizium</i> sp. 10043	DWR 1607 <i>Beauveria bassiana</i> 11304
DWR 1486 <i>Beauveria bassiana</i> 11218	DWR 1545 <i>Metarhizium</i> sp. 10044	DWR 1608 <i>Beauveria bassiana</i> 11305
DWR 1487 <i>Beauveria bassiana</i> 11219	DWR 1546 <i>Metarhizium</i> sp. 10045	DWR 1609 <i>Beauveria bassiana</i> 11306
DWR 1488 <i>Beauveria bassiana</i> 11220	DWR 1547 <i>Metarhizium</i> sp. 10046	DWR 161 <i>Metarhizium acridum</i> 6854
DWR 1489 <i>Metarhizium</i> sp. 10027	DWR 1548 <i>Metarhizium</i> sp. 10047	DWR 1610 <i>Metarhizium</i> sp. 10062
DWR 149 <i>Metarhizium anisopliae</i> sensu lato 6995	DWR 1549 <i>Beauveria bassiana</i> 11260	DWR 1611 <i>Metarhizium</i> sp. 10063
DWR 1490 <i>Metarhizium</i> sp. 10028	DWR 1550 <i>Beauveria bassiana</i> 11261	DWR 1612 <i>Metarhizium</i> sp. 10064
DWR 1491 <i>Metarhizium</i> sp. 10029	DWR 1551 <i>Beauveria bassiana</i> 11262	DWR 1613 <i>Metarhizium</i> sp. 10065
DWR 1492 <i>Beauveria bassiana</i> 11221	DWR 1552 <i>Beauveria bassiana</i> 11263	DWR 1614 <i>Metarhizium</i> sp. 10066
DWR 1493 <i>Beauveria bassiana</i> 11222	DWR 1553 <i>Metarhizium</i> sp. 10048	DWR 1615 <i>Metarhizium</i> sp. 10067
DWR 1494 <i>Beauveria bassiana</i> 11223	DWR 1554 <i>Metarhizium</i> sp. 10049	DWR 1616 <i>Lecanicillium muscarium</i> 11307
DWR 1495 <i>Beauveria bassiana</i> 11224	DWR 1555 <i>Metarhizium</i> sp. 10050	DWR 1617 <i>Beauveria bassiana</i> 11308
DWR 1496 <i>Beauveria bassiana</i> 11225	DWR 1556 <i>Metarhizium</i> sp. 10051	DWR 1618 <i>Beauveria bassiana</i> 11309
	DWR 1557 <i>Metarhizium</i> sp. 10052	DWR 1619 <i>Beauveria bassiana</i> 11310
	DWR 1558 <i>Beauveria bassiana</i> 11264	DWR 162 <i>Metarhizium acridum</i> 6855
	DWR 1559 <i>Beauveria bassiana</i> 11265	DWR 1620 <i>Beauveria bassiana</i> 11311
	DWR 1560 <i>Beauveria bassiana</i> 11266	DWR 1621 <i>Beauveria bassiana</i> 11312
	DWR 1561 <i>Beauveria bassiana</i> 11267	DWR 1622 <i>Beauveria bassiana</i> 11313
	DWR 1562 <i>Beauveria bassiana</i> 11268	

DWR 1623 <i>Beauveria bassiana</i> 11314	DWR 1681 <i>Beauveria bassiana</i> 11363	DWR 1743 <i>Metarhizium</i> sp. 10110
DWR 1624 <i>Beauveria bassiana</i> 11315	DWR 1682 <i>Beauveria bassiana</i> 11364	DWR 1744 <i>Metarhizium</i> sp. 10111
DWR 1625 <i>Beauveria bassiana</i> 11316	DWR 1683 <i>Metarhizium</i> sp. 10077	DWR 1745 <i>Beauveria bassiana</i> 11392
DWR 1626 <i>Beauveria bassiana</i> 11317	DWR 1684 <i>Metarhizium</i> sp. 10078	DWR 1746 <i>Beauveria bassiana</i> 11393
DWR 1627 <i>Beauveria bassiana</i> 11318	DWR 1685 <i>Metarhizium</i> sp. 10079	DWR 1747 <i>Beauveria bassiana</i> 11394
DWR 1628 <i>Beauveria bassiana</i> 11319	DWR 1686 <i>Metarhizium</i> sp. 10080	DWR 1748 <i>Beauveria bassiana</i> 11395
DWR 1629 <i>Beauveria bassiana</i> 11320	DWR 1687 <i>Metarhizium</i> sp. 10081	DWR 1749 <i>Beauveria bassiana</i> 11396
DWR 163 Metarhizium acridum 6856	DWR 1688 <i>Metarhizium</i> sp. 10082	DWR 1750 <i>Beauveria bassiana</i> 11397
DWR 1630 <i>Beauveria bassiana</i> 11321	DWR 1689 <i>Metarhizium</i> sp. 10083	DWR 1751 <i>Beauveria bassiana</i> 11398
DWR 1631 <i>Beauveria bassiana</i> 11322	DWR 1690 <i>Metarhizium</i> sp. 10084	DWR 1752 <i>Beauveria bassiana</i> 11399
DWR 1632 <i>Beauveria bassiana</i> 11323	DWR 1691 <i>Beauveria bassiana</i> 11365	DWR 1753 <i>Beauveria bassiana</i> 11400
DWR 1633 <i>Beauveria bassiana</i> 11324	DWR 1692 <i>Beauveria bassiana</i> 11366	DWR 1754 <i>Beauveria bassiana</i> 11401
DWR 1634 <i>Beauveria bassiana</i> 11325	DWR 1693 <i>Beauveria bassiana</i> 11367	DWR 1755 <i>Beauveria bassiana</i> 11402
DWR 1635 <i>Beauveria bassiana</i> 11326	DWR 1694 <i>Beauveria bassiana</i> 11368	DWR 1756 <i>Beauveria bassiana</i> 11403
DWR 1636 <i>Beauveria bassiana</i> 11327	DWR 1695 <i>Beauveria bassiana</i> 11369	DWR 1757 <i>Beauveria bassiana</i> 11404
DWR 1637 <i>Beauveria bassiana</i> 11328	DWR 1696 <i>Beauveria bassiana</i> 11370	DWR 1758 <i>Beauveria bassiana</i> 11405
DWR 1638 <i>Beauveria bassiana</i> 11329	DWR 1697 <i>Beauveria bassiana</i> 11371	DWR 1759 <i>Beauveria bassiana</i> 11406
DWR 1639 <i>Beauveria bassiana</i> 11330	DWR 1698 <i>Beauveria bassiana</i> 11372	DWR 176 <i>Metarhizium anisopliae</i> sensu lato 6996
DWR 164 Metarhizium acridum 6857	DWR 1699 <i>Metarhizium</i> sp. 10085	DWR 1760 <i>Beauveria bassiana</i> 11407
DWR 1640 <i>Beauveria bassiana</i> 11331	DWR 1700 <i>Metarhizium</i> sp. 10086	DWR 1761 <i>Beauveria bassiana</i> 11408
DWR 1641 <i>Beauveria bassiana</i> 11332	DWR 1701 <i>Metarhizium</i> sp. 10087	DWR 1762 <i>Beauveria bassiana</i> 11409
DWR 1642 <i>Beauveria bassiana</i> 11333	DWR 1702 <i>Metarhizium</i> sp. 10088	DWR 1763 <i>Metarhizium</i> sp. 10112
DWR 1643 <i>Beauveria bassiana</i> 11334	DWR 1703 <i>Metarhizium</i> sp. 10089	DWR 1764 <i>Metarhizium</i> sp. 10113
DWR 1644 <i>Beauveria bassiana</i> 11335	DWR 1704 <i>Metarhizium</i> sp. 10090	DWR 1765 <i>Metarhizium</i> sp. 10114
DWR 1645 <i>Beauveria bassiana</i> 11336	DWR 1705 <i>Metarhizium</i> sp. 10091	DWR 1766 <i>Metarhizium</i> sp. 10115
DWR 1646 <i>Beauveria bassiana</i> 11337	DWR 1706 <i>Metarhizium</i> sp. 10092	DWR 1767 <i>Metarhizium</i> sp. 10116
DWR 1647 <i>Beauveria bassiana</i> 11338	DWR 1707 <i>Metarhizium</i> sp. 10093	DWR 1768 <i>Beauveria bassiana</i> 11410
DWR 1648 <i>Beauveria bassiana</i> 11339	DWR 1708 <i>Metarhizium</i> sp. 10094	DWR 1769 <i>Beauveria bassiana</i> 11411
DWR 1649 <i>Beauveria bassiana</i> 11340	DWR 1709 <i>Metarhizium</i> sp. 10095	DWR 1770 <i>Beauveria bassiana</i> 11412
DWR 165 Metarhizium acridum 6858	DWR 171 <i>Metarhizium anisopliae</i> sensu lato 6863	DWR 1771 <i>Metarhizium</i> sp. 10117
DWR 1650 <i>Beauveria bassiana</i> 11341	DWR 1710 <i>Metarhizium</i> sp. 10096	DWR 1772 <i>Beauveria bassiana</i> 11413
DWR 1651 <i>Beauveria bassiana</i> 11342	DWR 1711 <i>Beauveria bassiana</i> 11373	DWR 1773 <i>Beauveria bassiana</i> 11414
DWR 1652 <i>Metarhizium</i> sp. 10068	DWR 1712 <i>Beauveria bassiana</i> 11374	DWR 1774 <i>Beauveria bassiana</i> 11415
DWR 1653 <i>Metarhizium</i> sp. 10069	DWR 1713 <i>Beauveria bassiana</i> 11375	DWR 1775 <i>Beauveria bassiana</i> 11416
DWR 1654 <i>Metarhizium</i> sp. 10070	DWR 1714 <i>Metarhizium</i> sp. 10097	DWR 1776 <i>Beauveria bassiana</i> 11417
DWR 1655 <i>Metarhizium</i> sp. 10071	DWR 1715 <i>Metarhizium</i> sp. 10098	DWR 1777 <i>Beauveria bassiana</i> 11418
DWR 1656 <i>Metarhizium</i> sp. 10072	DWR 1716 <i>Metarhizium</i> sp. 10099	DWR 1778 <i>Beauveria bassiana</i> 11419
DWR 1657 <i>Metarhizium</i> sp. 10073	DWR 1717 <i>Metarhizium</i> sp. 10100	DWR 1779 <i>Beauveria bassiana</i> 11420
DWR 1658 <i>Metarhizium</i> sp. 10074	DWR 1718 <i>Metarhizium</i> sp. 10101	DWR 1780 <i>Beauveria bassiana</i> 11421
DWR 1659 <i>Metarhizium</i> sp. 10075	DWR 1719 <i>Metarhizium</i> sp. 10102	DWR 1781 <i>Beauveria bassiana</i> 11422
DWR 166 Metarhizium acridum 6859	DWR 172 <i>Metarhizium robertsii</i> 6864	DWR 1782 <i>Beauveria bassiana</i> 11423
DWR 1660 <i>Metarhizium</i> sp. 10076	DWR 1720 <i>Metarhizium</i> sp. 10103	DWR 1783 <i>Beauveria bassiana</i> 11424
DWR 1661 <i>Beauveria bassiana</i> 11343	DWR 1721 <i>Metarhizium</i> sp. 10104	DWR 1784 <i>Beauveria bassiana</i> 11425
DWR 1662 <i>Beauveria bassiana</i> 11344	DWR 1722 <i>Metarhizium</i> sp. 10105	DWR 1785 <i>Beauveria bassiana</i> 11426
DWR 1663 <i>Beauveria bassiana</i> 11345	DWR 1723 <i>Metarhizium</i> sp. 10106	DWR 1786 <i>Beauveria bassiana</i> 11427
DWR 1664 <i>Beauveria bassiana</i> 11346	DWR 1724 <i>Beauveria bassiana</i> 11376	DWR 1787 <i>Beauveria bassiana</i> 11428
DWR 1665 <i>Beauveria bassiana</i> 11347	DWR 1725 <i>Beauveria bassiana</i> 11377	DWR 1788 <i>Beauveria bassiana</i> 11429
DWR 1666 <i>Beauveria bassiana</i> 11348	DWR 1726 <i>Beauveria bassiana</i> 11378	DWR 1789 <i>Beauveria bassiana</i> 11430
DWR 1667 <i>Beauveria bassiana</i> 11349	DWR 1727 <i>Beauveria bassiana</i> 11379	DWR 179 <i>Metarhizium anisopliae</i> sensu lato 6997
DWR 1668 <i>Beauveria bassiana</i> 11350	DWR 1728 <i>Beauveria bassiana</i> 11380	DWR 1790 <i>Beauveria bassiana</i> 11431
DWR 1669 <i>Beauveria bassiana</i> 11351	DWR 1729 <i>Beauveria bassiana</i> 11381	DWR 1791 <i>Beauveria bassiana</i> 11432
DWR 167 <i>Metarhizium anisopliae</i> sensu lato 6860	DWR 173 <i>Metarhizium robertsii</i> 6865	DWR 1792 <i>Beauveria bassiana</i> 11433
DWR 1670 <i>Beauveria bassiana</i> 11352	DWR 1730 <i>Beauveria bassiana</i> 11382	DWR 1793 <i>Beauveria bassiana</i> 11434
DWR 1671 <i>Beauveria bassiana</i> 11353	DWR 1731 <i>Beauveria bassiana</i> 11383	DWR 1794 <i>Beauveria bassiana</i> 11435
DWR 1672 <i>Beauveria bassiana</i> 11354	DWR 1732 <i>Beauveria bassiana</i> 11384	DWR 1795 <i>Beauveria bassiana</i> 11436
DWR 1673 <i>Beauveria bassiana</i> 11355	DWR 1733 <i>Beauveria bassiana</i> 11385	DWR 1796 <i>Beauveria bassiana</i> 11437
DWR 1674 <i>Beauveria bassiana</i> 11356	DWR 1734 <i>Beauveria bassiana</i> 11386	DWR 1797 <i>Beauveria bassiana</i> 11438
DWR 1675 <i>Beauveria bassiana</i> 11357	DWR 1735 <i>Beauveria</i> sp. 11387	DWR 1798 <i>Beauveria bassiana</i> 11439
DWR 1676 <i>Beauveria bassiana</i> 11358	DWR 1736 <i>Beauveria bassiana</i> 11388	DWR 1799 <i>Beauveria bassiana</i> 11440
DWR 1677 <i>Beauveria bassiana</i> 11359	DWR 1737 <i>Beauveria bassiana</i> 11389	DWR 180 <i>Metarhizium anisopliae</i> sensu lato 6998
DWR 1678 <i>Beauveria bassiana</i> 11360	DWR 1738 <i>Beauveria bassiana</i> 11390	DWR 1800 <i>Beauveria bassiana</i> 11441
DWR 1679 <i>Beauveria bassiana</i> 11361	DWR 1739 <i>Beauveria bassiana</i> 11391	DWR 1801 <i>Beauveria bassiana</i> 11442
DWR 168 <i>Metarhizium anisopliae</i> sensu lato 6861	DWR 1740 <i>Metarhizium</i> sp. 10107	DWR 1802 <i>Beauveria bassiana</i> 11443
DWR 1680 <i>Beauveria bassiana</i> 11362	DWR 1741 <i>Metarhizium</i> sp. 10108	
	DWR 1742 <i>Metarhizium</i> sp. 10109	

## Alternate Collections

Roberts, Donald W.

DWR 1803 <i>Beauveria bassiana</i> 11444	DWR 1867 <i>Beauveria bassiana</i> 11492	DWR 1933 <i>Beauveria bassiana</i> 11555
DWR 1804 <i>Beauveria bassiana</i> 11445	DWR 1868 <i>Beauveria bassiana</i> 11493	DWR 1934 <i>Beauveria bassiana</i> 11556
DWR 1805 <i>Beauveria bassiana</i> 11446	DWR 1869 <i>Beauveria bassiana</i> 11494	DWR 1935 <i>Beauveria bassiana</i> 11557
DWR 1806 <i>Beauveria bassiana</i> 11447	DWR 1870 <i>Beauveria bassiana</i> 11495	DWR 1936 <i>Beauveria bassiana</i> 11558
DWR 1807 <i>Beauveria bassiana</i> 11448	DWR 1871 <i>Beauveria bassiana</i> 11496	DWR 1937 <i>Beauveria bassiana</i> 11559
DWR 1808 <i>Metarhizium</i> sp. 10118	DWR 1872 <i>Beauveria bassiana</i> 11497	DWR 1938 <i>Metarhizium</i> sp. 10323
DWR 1809 <i>Metarhizium</i> sp. 10119	DWR 1873 <i>Beauveria bassiana</i> 11498	DWR 1939 <i>Beauveria bassiana</i> 11876
DWR 181 <i>Metarhizium anisopliae</i> sensu lato 6999	DWR 1874 <i>Beauveria bassiana</i> 11499	DWR 1940 <i>Beauveria bassiana</i> 11877
DWR 1810 <i>Metarhizium</i> sp. 10120	DWR 1875 <i>Beauveria bassiana</i> 11500	DWR 1941 <i>Beauveria bassiana</i> 11878
DWR 1811 <i>Metarhizium</i> sp. 10121	DWR 1876 <i>Beauveria bassiana</i> 11501	DWR 1942 <i>Metarhizium</i> sp. 10324
DWR 1812 <i>Metarhizium</i> sp. 10122	DWR 1877 <i>Beauveria bassiana</i> 11502	DWR 1943 <i>Beauveria bassiana</i> 11560
DWR 1813 <i>Metarhizium</i> sp. 10123	DWR 1878 <i>Beauveria bassiana</i> 11503	DWR 1944 <i>Beauveria bassiana</i> 11561
DWR 1814 <i>Metarhizium</i> sp. 10124	DWR 1879 <i>Beauveria bassiana</i> 11504	DWR 1945 <i>Beauveria bassiana</i> 11562
DWR 1815 <i>Metarhizium</i> sp. 10125	DWR 1880 <i>Beauveria bassiana</i> 11505	DWR 1946 <i>Beauveria bassiana</i> 11563
DWR 1816 <i>Beauveria bassiana</i> 11449	DWR 1881 <i>Beauveria bassiana</i> 11506	DWR 1947 <i>Beauveria bassiana</i> 11564
DWR 1817 <i>Beauveria bassiana</i> 11450	DWR 1882 <i>Beauveria bassiana</i> 11507	DWR 1948 <i>Beauveria bassiana</i> 11565
DWR 1818 <i>Beauveria bassiana</i> 11451	DWR 1883 <i>Beauveria bassiana</i> 11508	DWR 1949 <i>Metarhizium</i> sp. 10325
DWR 1819 <i>Beauveria bassiana</i> 11452	DWR 1884 <i>Beauveria bassiana</i> 11509	DWR 1950 <i>Metarhizium</i> sp. 10326
DWR 1820 <i>Beauveria bassiana</i> 11453	DWR 1885 <i>Beauveria bassiana</i> 11510	DWR 1951 <i>Metarhizium</i> sp. 10327
DWR 1821 <i>Beauveria bassiana</i> 11454	DWR 1886 <i>Beauveria bassiana</i> 11511	DWR 1952 <i>Beauveria bassiana</i> 11566
DWR 1822 <i>Beauveria bassiana</i> 11455	DWR 1887 <i>Beauveria bassiana</i> 11512	DWR 1953 <i>Beauveria bassiana</i> 11567
DWR 1823 <i>Beauveria bassiana</i> 11456	DWR 1888 <i>Beauveria bassiana</i> 11513	DWR 1954 <i>Metarhizium</i> sp. 10328
DWR 1824 <i>Beauveria bassiana</i> 11457	DWR 1889 <i>Beauveria bassiana</i> 11514	DWR 1955 <i>Metarhizium</i> sp. 10329
DWR 1825 <i>Beauveria bassiana</i> 11458	DWR 1890 <i>Beauveria bassiana</i> 11515	DWR 1956 <i>Metarhizium</i> sp. 10330
DWR 1826 <i>Beauveria bassiana</i> 11459	DWR 1891 <i>Beauveria bassiana</i> 11516	DWR 1957 <i>Metarhizium</i> sp. 10331
DWR 1827 <i>Beauveria bassiana</i> 11460	DWR 1892 <i>Beauveria bassiana</i> 11517	DWR 1958 <i>Metarhizium</i> sp. 10332
DWR 1828 <i>Beauveria bassiana</i> 11461	DWR 1893 <i>Beauveria bassiana</i> 11518	DWR 1959 <i>Beauveria bassiana</i> 11568
DWR 1829 <i>Beauveria bassiana</i> 11462	DWR 1894 <i>Beauveria bassiana</i> 11519	DWR 1960 <i>Beauveria bassiana</i> 11569
DWR 1830 <i>Beauveria bassiana</i> 11463	DWR 1895 <i>Beauveria bassiana</i> 11520	DWR 1961 <i>Beauveria bassiana</i> 11570
DWR 1831 <i>Beauveria bassiana</i> 11464	DWR 1896 <i>Beauveria bassiana</i> 11521	DWR 1962 <i>Beauveria bassiana</i> 11571
DWR 1832 <i>Beauveria bassiana</i> 11465	DWR 1897 <i>Beauveria bassiana</i> 11522	DWR 1963 <i>Beauveria bassiana</i> 11572
DWR 1833 <i>Beauveria bassiana</i> 11466	DWR 1898 <i>Beauveria bassiana</i> 11523	DWR 1964 <i>Beauveria bassiana</i> 11573
DWR 1834 <i>Beauveria bassiana</i> 11467	DWR 1899 <i>Beauveria bassiana</i> 11875	DWR 1965 <i>Beauveria bassiana</i> 11574
DWR 1835 <i>Beauveria bassiana</i> 11468	DWR 1900 <i>Beauveria bassiana</i> 11524	DWR 1966 <i>Beauveria bassiana</i> 11575
DWR 1836 <i>Beauveria bassiana</i> 11469	DWR 1901 <i>Beauveria bassiana</i> 11525	DWR 1967 <i>Beauveria bassiana</i> 11576
DWR 1837 <i>Beauveria bassiana</i> 11470	DWR 1902 <i>Beauveria bassiana</i> 11526	DWR 1968 <i>Beauveria bassiana</i> 11577
DWR 1838 <i>Beauveria bassiana</i> 11471	DWR 1903 <i>Beauveria bassiana</i> 11527	DWR 1969 <i>Beauveria bassiana</i> 11578
DWR 1839 <i>Beauveria bassiana</i> 11472	DWR 1904 <i>Beauveria bassiana</i> 11528	DWR 1970 <i>Beauveria bassiana</i> 11579
DWR 1840 <i>Beauveria bassiana</i> 11473	DWR 1905 <i>Beauveria bassiana</i> 11529	DWR 1971 <i>Metarhizium</i> sp. 10333
DWR 1841 <i>Beauveria bassiana</i> 11474	DWR 1906 <i>Beauveria bassiana</i> 11530	DWR 1972 <i>Beauveria bassiana</i> 11580
DWR 1842 <i>Beauveria bassiana</i> 11475	DWR 1907 <i>Beauveria bassiana</i> 11531	DWR 1973 <i>Beauveria bassiana</i> 11581
DWR 1843 <i>Beauveria bassiana</i> 11476	DWR 1908 <i>Metarhizium</i> sp. 10321	DWR 1974 <i>Beauveria bassiana</i> 11582
DWR 1844 <i>Metarhizium</i> sp. 10126	DWR 1909 <i>Metarhizium</i> sp. 10322	DWR 1975 <i>Beauveria bassiana</i> 11583
DWR 1845 <i>Metarhizium</i> sp. 10314	DWR 1910 <i>Beauveria bassiana</i> 11532	DWR 1976 <i>Beauveria bassiana</i> 11879
DWR 1846 <i>Beauveria bassiana</i> 11477	DWR 1911 <i>Beauveria bassiana</i> 11533	DWR 1977 <i>Beauveria bassiana</i> 11880
DWR 1847 <i>Beauveria bassiana</i> 11478	DWR 1912 <i>Beauveria bassiana</i> 11534	DWR 1978 <i>Beauveria bassiana</i> 11584
DWR 1848 <i>Beauveria bassiana</i> 11479	DWR 1913 <i>Beauveria bassiana</i> 11535	DWR 1979 <i>Beauveria bassiana</i> 11585
DWR 1849 <i>Beauveria bassiana</i> 11480	DWR 1914 <i>Beauveria bassiana</i> 11536	DWR 1980 <i>Beauveria bassiana</i> 11586
DWR 1850 <i>Beauveria bassiana</i> 11481	DWR 1915 <i>Beauveria bassiana</i> 11537	DWR 1981 <i>Beauveria bassiana</i> 11587
DWR 1851 <i>Beauveria bassiana</i> 11482	DWR 1916 <i>Beauveria bassiana</i> 11538	DWR 1983 <i>Beauveria bassiana</i> 11881
DWR 1852 <i>Beauveria bassiana</i> 11483	DWR 1917 <i>Beauveria bassiana</i> 11539	DWR 1984 <i>Beauveria bassiana</i> 11882
DWR 1853 <i>Beauveria bassiana</i> 11484	DWR 1918 <i>Beauveria bassiana</i> 11540	DWR 1985 <i>Beauveria bassiana</i> 11883
DWR 1854 <i>Beauveria bassiana</i> 11485	DWR 1919 <i>Beauveria bassiana</i> 11541	DWR 1986 <i>Beauveria bassiana</i> 11884
DWR 1855 <i>Metarhizium</i> sp. 10315	DWR 1920 <i>Beauveria bassiana</i> 11542	DWR 1987 <i>Beauveria bassiana</i> 11885
DWR 1856 <i>Metarhizium</i> sp. 10316	DWR 1921 <i>Beauveria bassiana</i> 11543	DWR 1988 <i>Beauveria bassiana</i> 11589
DWR 1857 <i>Metarhizium</i> sp. 10317	DWR 1922 <i>Beauveria bassiana</i> 11544	DWR 1989 <i>Beauveria bassiana</i> 11590
DWR 1858 <i>Metarhizium</i> sp. 10318	DWR 1923 <i>Beauveria bassiana</i> 11545	DWR 1990 <i>Beauveria bassiana</i> 11591
DWR 1859 <i>Metarhizium</i> sp. 10319	DWR 1924 <i>Beauveria bassiana</i> 11546	DWR 1991 <i>Beauveria bassiana</i> 11592
DWR 1860 <i>Metarhizium</i> sp. 10320	DWR 1925 <i>Beauveria bassiana</i> 11547	DWR 1992 <i>Beauveria bassiana</i> 11593
DWR 1861 <i>Beauveria bassiana</i> 11486	DWR 1926 <i>Beauveria bassiana</i> 11548	DWR 1993 <i>Beauveria bassiana</i> 11594
DWR 1862 <i>Beauveria bassiana</i> 11487	DWR 1927 <i>Beauveria bassiana</i> 11549	DWR 1994 <i>Beauveria bassiana</i> 11595
DWR 1863 <i>Beauveria bassiana</i> 11488	DWR 1928 <i>Beauveria bassiana</i> 11550	DWR 1995 <i>Beauveria bassiana</i> 11596
DWR 1864 <i>Beauveria bassiana</i> 11489	DWR 1929 <i>Beauveria bassiana</i> 11551	DWR 1996 <i>Metarhizium</i> sp. 10334
DWR 1865 <i>Beauveria bassiana</i> 11490	DWR 1930 <i>Beauveria bassiana</i> 11552	DWR 1997 <i>Metarhizium robertsii</i> 10000
DWR 1866 <i>Beauveria bassiana</i> 11491	DWR 1931 <i>Beauveria bassiana</i> 11553	DWR 1998 <i>Metarhizium</i> sp. 10335
	DWR 1932 <i>Beauveria bassiana</i> 11554	DWR 1999 <i>Metarhizium</i> sp. 10336

DWR 200 <i>Metarhizium anisopliae</i> sensu lato 7847	DWR 2080 <i>Beauveria bassiana</i> 11920	DWR 2180 <i>Beauveria bassiana</i> 11995
DWR 200 <i>Metarhizium anisopliae</i> sensu lato 8363	DWR 2081 <i>Beauveria bassiana</i> 11921	DWR 2181 <i>Beauveria bassiana</i> 11996
DWR 2000 <i>Beauveria bassiana</i> 11597	DWR 2082 <i>Beauveria bassiana</i> 11922	DWR 2182 <i>Beauveria bassiana</i> 11997
DWR 2001 <i>Beauveria bassiana</i> 11598	DWR 2083 <i>Beauveria bassiana</i> 11923	DWR 2183 <i>Myriodontium keratinophilum</i> ■ 11998
DWR 2002 <i>Beauveria bassiana</i> 11599	DWR 2084 <i>Beauveria bassiana</i> 11924	DWR 2184 <i>Beauveria bassiana</i> 11999
DWR 2003 <i>Metarhizium</i> sp. 10337	DWR 2085 <i>Beauveria bassiana</i> 11925	DWR 2185 <i>Beauveria bassiana</i> 12000
DWR 2004 <i>Metarhizium</i> sp. 10338	DWR 2086 <i>Beauveria bassiana</i> 11926	DWR 2186 <i>Beauveria bassiana</i> 12001
DWR 2005 <i>Metarhizium</i> sp. 10339	DWR 2087 <i>Beauveria bassiana</i> 11927	DWR 2187 <i>Beauveria bassiana</i> 12002
DWR 2006 <i>Metarhizium</i> sp. 10340	DWR 2088 <i>Beauveria bassiana</i> 11928	DWR 2188 <i>Beauveria bassiana</i> 12003
DWR 2007 <i>Metarhizium</i> sp. 10341	DWR 2089 <i>Beauveria bassiana</i> 11929	DWR 2189 <i>Beauveria bassiana</i> 12004
DWR 2008 <i>Metarhizium</i> sp. 10342	DWR 2090 <i>Beauveria bassiana</i> 11930	DWR 2190 <i>Myriodontium keratinophilum</i> ■ 12005
DWR 2009 <i>Metarhizium</i> sp. 10343	DWR 2091 <i>Beauveria bassiana</i> 11931	DWR 2196 <i>Beauveria bassiana</i> 12006
DWR 2010 <i>Metarhizium</i> sp. 10344	DWR 2092 <i>Beauveria bassiana</i> 11932	DWR 2202 <i>Beauveria bassiana</i> 12007
DWR 2011 <i>Metarhizium</i> sp. 10345	DWR 2093 <i>Beauveria bassiana</i> 11933	DWR 2203 <i>Beauveria bassiana</i> 12008
DWR 2012 <i>Beauveria bassiana</i> 11600	DWR 2094 <i>Beauveria bassiana</i> 11934	DWR 2204 <i>Beauveria bassiana</i> 12009
DWR 2013 <i>Beauveria bassiana</i> 11601	DWR 2095 <i>Beauveria bassiana</i> 11935	DWR 2205 <i>Beauveria bassiana</i> 12010
DWR 2014 <i>Beauveria bassiana</i> 11602	DWR 2096 <i>Beauveria bassiana</i> 11936	DWR 2206 <i>Beauveria bassiana</i> 12011
DWR 2015 <i>Beauveria bassiana</i> 11603	DWR 2097 <i>Beauveria bassiana</i> 11937	DWR 2208 <i>Beauveria bassiana</i> 12012
DWR 2016 <i>Beauveria bassiana</i> 11604	DWR 2098 <i>Beauveria bassiana</i> 11938	DWR 2209 <i>Beauveria bassiana</i> 12013
DWR 2017 <i>Beauveria bassiana</i> 11605	DWR 2099 <i>Beauveria bassiana</i> 11939	DWR 2210 <i>Beauveria bassiana</i> 12014
DWR 2018 <i>Beauveria bassiana</i> 11606	DWR 2100 <i>Beauveria bassiana</i> 11940	DWR 2211 <i>Beauveria bassiana</i> 12015
DWR 2019 <i>Beauveria bassiana</i> 11607	DWR 2101 <i>Beauveria bassiana</i> 11941	DWR 2212 <i>Beauveria bassiana</i> 12016
DWR 2020 <i>Beauveria bassiana</i> 11608	DWR 2102 <i>Beauveria bassiana</i> 11942	DWR 2213 <i>Beauveria bassiana</i> 12017
DWR 2021 <i>Beauveria bassiana</i> 11609	DWR 2103 <i>Beauveria bassiana</i> 11943	DWR 2214 <i>Beauveria bassiana</i> 12018
DWR 2022 <i>Beauveria bassiana</i> 11610	DWR 2104 <i>Beauveria bassiana</i> 11944	DWR 2215 <i>Beauveria bassiana</i> 12019
DWR 2023 <i>Beauveria bassiana</i> 11611	DWR 2105 <i>Beauveria bassiana</i> 11945	DWR 2216 <i>Beauveria bassiana</i> 12020
DWR 2024 <i>Beauveria bassiana</i> 11612	DWR 2106 <i>Beauveria bassiana</i> 11946	DWR 2217 <i>Beauveria bassiana</i> 12021
DWR 2025 <i>Metarhizium</i> sp. 10346	DWR 2107 <i>Beauveria bassiana</i> 11947	DWR 2219 <i>Beauveria bassiana</i> 12022
DWR 2026 <i>Beauveria bassiana</i> 11886	DWR 2108 <i>Beauveria bassiana</i> 11948	DWR 2224 <i>Beauveria bassiana</i> 12092
DWR 2027 <i>Beauveria bassiana</i> 11887	DWR 2109 <i>Beauveria bassiana</i> 11949	DWR 2225 <i>Beauveria bassiana</i> 12093
DWR 2028 <i>Beauveria bassiana</i> 11888	DWR 2110 <i>Beauveria bassiana</i> 11950	DWR 2230 <i>Beauveria bassiana</i> 12094
DWR 2029 <i>Beauveria bassiana</i> 11889	DWR 2111 <i>Beauveria bassiana</i> 11951	DWR 2231 <i>Beauveria bassiana</i> 12095
DWR 203 Metarhizium anisopliae sensu lato 8364	DWR 2112 <i>Beauveria bassiana</i> 11952	DWR 2258 <i>Beauveria bassiana</i> 12096
DWR 2030 <i>Beauveria bassiana</i> 11890	DWR 2113 <i>Beauveria bassiana</i> 11953	DWR 2262 <i>Beauveria bassiana</i> 12097
DWR 2031 <i>Beauveria bassiana</i> 11891	DWR 2114 <i>Beauveria bassiana</i> 11954	DWR 2263 <i>Beauveria bassiana</i> 12098
DWR 2032 <i>Beauveria bassiana</i> 11892	DWR 2115 <i>Beauveria bassiana</i> 11955	DWR 2290 <i>Beauveria bassiana</i> 12099
DWR 2033 <i>Beauveria bassiana</i> 11893	DWR 2116 <i>Beauveria bassiana</i> 11956	DWR 2291 <i>Beauveria bassiana</i> 12100
DWR 2034 <i>Beauveria bassiana</i> 11894	DWR 2117 <i>Beauveria bassiana</i> 11957	DWR 2320 <i>Beauveria bassiana</i> 12101
DWR 2035 <i>Beauveria bassiana</i> 11895	DWR 2118 <i>Beauveria bassiana</i> 11958	DWR 2321 <i>Beauveria bassiana</i> 12102
DWR 2036 <i>Beauveria bassiana</i> 11896	DWR 2119 <i>Beauveria bassiana</i> 11959	DWR 2322 <i>Beauveria bassiana</i> 12103
DWR 2037 <i>Beauveria bassiana</i> 11897	DWR 2120 <i>Beauveria bassiana</i> 11960	DWR 2323 <i>Beauveria bassiana</i> 12104
DWR 2038 <i>Beauveria bassiana</i> 11898	DWR 2121 <i>Beauveria bassiana</i> 11961	DWR 2324 <i>Beauveria bassiana</i> 12105
DWR 2040 <i>Beauveria bassiana</i> 11899	DWR 2122 <i>Beauveria bassiana</i> 11962	DWR 2325 <i>Beauveria bassiana</i> 12106
DWR 2041 <i>Beauveria bassiana</i> 11900	DWR 2123 <i>Beauveria bassiana</i> 11963	DWR 2326 <i>Beauveria bassiana</i> 12107
DWR 2044 <i>Beauveria bassiana</i> 11901	DWR 2124 <i>Beauveria bassiana</i> 11964	DWR 2327 <i>Beauveria bassiana</i> 12108
DWR 2045 <i>Beauveria bassiana</i> 11902	DWR 2125 <i>Beauveria bassiana</i> 11965	DWR 2328 <i>Beauveria bassiana</i> 12109
DWR 2046 <i>Beauveria bassiana</i> 11903	DWR 2126 <i>Beauveria bassiana</i> 11966	DWR 2329 <i>Beauveria bassiana</i> 12110
DWR 2047 <i>Beauveria bassiana</i> 11904	DWR 2127 <i>Beauveria bassiana</i> 11967	DWR 2330 <i>Beauveria bassiana</i> 12111
DWR 2048 <i>Beauveria bassiana</i> 11905	DWR 2128 <i>Beauveria bassiana</i> 11968	DWR 2331 <i>Beauveria bassiana</i> 12112
DWR 2049 <i>Beauveria bassiana</i> 11906	DWR 2129 <i>Beauveria bassiana</i> 11969	DWR 2332 <i>Beauveria bassiana</i> 12113
DWR 2050 <i>Beauveria bassiana</i> 11907	DWR 2130 <i>Beauveria bassiana</i> 11970	DWR 2333 <i>Beauveria bassiana</i> 12114
DWR 2051 <i>Beauveria bassiana</i> 11908	DWR 2131 <i>Beauveria bassiana</i> 11971	DWR 2334 <i>Beauveria bassiana</i> 12115
DWR 2052 <i>Beauveria bassiana</i> 11909	DWR 2132 <i>Beauveria bassiana</i> 11972	DWR 2335 <i>Beauveria bassiana</i> 12116
DWR 2053 <i>Beauveria bassiana</i> 11910	DWR 2133 <i>Beauveria bassiana</i> 11973	DWR 2336 <i>Myriodontium keratinophilum</i> ■ 12117
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DWR 2055 <i>Beauveria bassiana</i> 11912	DWR 2135 <i>Lecanicillium lecanii(?)</i> 11972	DWR 2338 <i>Beauveria bassiana</i> 12119
DWR 2056 <i>Beauveria bassiana</i> 11913	DWR 2136 <i>Beauveria bassiana</i> 11973	DWR 2340 <i>Beauveria bassiana</i> 12120
DWR 2057 <i>Beauveria bassiana</i> 11914	DWR 2137 <i>Beauveria bassiana</i> 11974	DWR 2341 <i>Beauveria bassiana</i> 12121
DWR 2058 <i>Beauveria bassiana</i> 11915	DWR 2138 <i>Beauveria bassiana</i> 11975	DWR 2342 <i>Beauveria bassiana</i> 12122
DWR 2059 <i>Beauveria bassiana</i> 11916	DWR 2139 <i>Beauveria bassiana</i> 11976	DWR 2343 <i>Beauveria bassiana</i> 12123
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DWR 495 <i>Beauveria bassiana</i> 10562	DWR 55 <i>Metarhizium anisopliae</i> sensu lato 6839	DWR 606 <i>Beauveria bassiana</i> 10604
DWR 496 <i>Beauveria bassiana</i> 10563	DWR 550 <i>Metarhizium</i> sp. 9696	DWR 607 <i>Beauveria bassiana</i> 10605
DWR 497 <i>Metarhizium</i> sp. 9658	DWR 551 <i>Beauveria bassiana</i> 10579	DWR 608 <i>Beauveria bassiana</i> 10606
DWR 498 <i>Metarhizium</i> sp. 9659	DWR 552 <i>Beauveria bassiana</i> 10580	DWR 609 <i>Beauveria bassiana</i> 10607
DWR 499 <i>Metarhizium</i> sp. 9660	DWR 553 <i>Beauveria bassiana</i> 10581	DWR 61 <i>Metarhizium robertsii</i> 6843
DWR 50 <i>Metarhizium anisopliae</i> sensu lato 6834	DWR 554 <i>Beauveria bassiana</i> 10582	DWR 610 <i>Beauveria pseudobassiana</i> 10608
DWR 500 <i>Metarhizium</i> sp. 9661	DWR 555 <i>Beauveria bassiana</i> 10583	DWR 611 <i>Beauveria bassiana</i> 10609
DWR 501 <i>Metarhizium</i> sp. 9662	DWR 556 <i>Beauveria bassiana</i> 10584	DWR 612 <i>Beauveria bassiana</i> 10610
DWR 502 <i>Metarhizium</i> sp. 9663	DWR 557 <i>Beauveria bassiana</i> 10585	DWR 613 <i>Beauveria bassiana</i> 10611
DWR 503 <i>Metarhizium</i> sp. 9664	DWR 558 <i>Beauveria bassiana</i> 10586	DWR 614 <i>Beauveria bassiana</i> 10612
DWR 504 <i>Metarhizium</i> sp. 9665	DWR 559 <i>Beauveria bassiana</i> 10587	DWR 615 <i>Beauveria bassiana</i> 10613
DWR 505 <i>Metarhizium</i> sp. 9666	DWR 560 <i>Beauveria bassiana</i> 10588	DWR 616 <i>Beauveria bassiana</i> 10614
DWR 506 <i>Beauveria bassiana</i> 10564	DWR 561 <i>Beauveria bassiana</i> 10589	DWR 617 <i>Beauveria bassiana</i> 10615
DWR 507 <i>Metarhizium</i> sp. 9667	DWR 562 <i>Beauveria bassiana</i> 10590	DWR 618 <i>Beauveria pseudobassiana</i> 10616
DWR 508 <i>Metarhizium</i> sp. 9668	DWR 563 <i>Beauveria bassiana</i> 10591	DWR 619 <i>Metarhizium</i> sp. 9729
DWR 509 <i>Metarhizium</i> sp. 9669	DWR 564 <i>Beauveria bassiana</i> 10592	DWR 62 <i>Metarhizium robertsii</i> 6755
DWR 51 <i>Metarhizium anisopliae</i> sensu lato 6835	DWR 565 <i>Beauveria bassiana</i> 10593	DWR 62 <i>Metarhizium robertsii</i> 6844
DWR 510 <i>Metarhizium</i> sp. 9670	DWR 566 <i>Beauveria pseudobassiana</i> 10594	DWR 620 <i>Metarhizium</i> sp. 9730
DWR 511 <i>Beauveria bassiana</i> 10565	DWR 567 <i>Beauveria bassiana</i> 10595	DWR 621 <i>Metarhizium</i> sp. 9731
DWR 512 <i>Metarhizium</i> sp. 9671	DWR 568 <i>Beauveria bassiana</i> 10596	DWR 622 <i>Beauveria bassiana</i> 10617
DWR 513 <i>Metarhizium</i> sp. 9672	DWR 569 <i>Beauveria bassiana</i> 10597	DWR 623 <i>Beauveria pseudobassiana</i> 10618
DWR 514 <i>Metarhizium</i> sp. 9673	DWR 570 <i>Beauveria pseudobassiana</i> 10598	DWR 624 <i>Beauveria bassiana</i> 10619
DWR 515 <i>Metarhizium</i> sp. 9674	DWR 571 <i>Beauveria bassiana</i> 10599	DWR 625 <i>Beauveria bassiana</i> 10620
DWR 516 <i>Metarhizium</i> sp. 9675	DWR 572 <i>Metarhizium</i> sp. 9697	DWR 626 <i>Beauveria bassiana</i> 10621
DWR 517 <i>Metarhizium</i> sp. 9676	DWR 573 <i>Metarhizium</i> sp. 9698	DWR 627 <i>Beauveria bassiana</i> 10622
DWR 518 <i>Metarhizium</i> sp. 9677	DWR 574 <i>Metarhizium</i> sp. 9699	DWR 628 <i>Beauveria pseudobassiana</i> 10623
DWR 519 <i>Metarhizium</i> sp. 9678	DWR 575 <i>Metarhizium</i> sp. 9700	DWR 629 <i>Beauveria bassiana</i> 10624
DWR 52 <i>Metarhizium anisopliae</i> sensu lato 6836	DWR 576 <i>Metarhizium</i> sp. 9701	DWR 63 <i>Metarhizium robertsii</i> 6845
DWR 520 <i>Metarhizium</i> sp. 9679	DWR 577 <i>Metarhizium</i> sp. 9702	DWR 630 <i>Beauveria bassiana</i> 10625
DWR 521 <i>Metarhizium</i> sp. 9680	DWR 578 <i>Metarhizium</i> sp. 9703	DWR 631 <i>Beauveria bassiana</i> 10626
DWR 522 <i>Metarhizium</i> sp. 9681	DWR 579 <i>Metarhizium</i> sp. 9704	DWR 632 <i>Metarhizium</i> sp. 9732
DWR 523 <i>Metarhizium</i> sp. 9682	DWR 58 <i>Metarhizium anisopliae</i> sensu lato 6840	DWR 633 <i>Metarhizium</i> sp. 9733
DWR 524 <i>Metarhizium</i> sp. 9683	DWR 580 <i>Metarhizium</i> sp. 9705	DWR 634 <i>Metarhizium</i> sp. 9734
DWR 525 <i>Metarhizium</i> sp. 9684	DWR 581 <i>Metarhizium</i> sp. 9706	DWR 635 <i>Metarhizium</i> sp. 9735
DWR 526 <i>Metarhizium</i> sp. 9685	DWR 582 <i>Metarhizium</i> sp. 9707	DWR 636 <i>Metarhizium</i> sp. 9736
DWR 527 <i>Beauveria bassiana</i> 10566	DWR 583 <i>Beauveria bassiana</i> 10600	DWR 637 <i>Metarhizium</i> sp. 9737
DWR 528 <i>Beauveria bassiana</i> 10567	DWR 584 <i>Beauveria bassiana</i> 10601	DWR 638 <i>Metarhizium</i> sp. 9738
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DWR 53 <i>Metarhizium anisopliae</i> sensu lato 6837	DWR 586 <i>Beauveria bassiana</i> 10603	DWR 64 <i>Metarhizium robertsii</i> 6846
DWR 530 <i>Beauveria bassiana</i> 10568	DWR 587 <i>Metarhizium</i> sp. 9708	DWR 640 <i>Metarhizium</i> sp. 9740
DWR 531 <i>Beauveria bassiana</i> 10569	DWR 588 <i>Metarhizium</i> sp. 9709	DWR 641 <i>Metarhizium</i> sp. 9741
DWR 532 <i>Beauveria bassiana</i> 10570	DWR 589 <i>Metarhizium</i> sp. 9710	DWR 642 <i>Metarhizium</i> sp. 9742
DWR 533 <i>Beauveria bassiana</i> 10571	DWR 59 <i>Metarhizium robertsii</i> 6841	DWR 643 <i>Metarhizium</i> sp. 9743
DWR 534 <i>Metarhizium</i> sp. 9687	DWR 590 <i>Metarhizium</i> sp. 9711	DWR 644 <i>Beauveria bassiana</i> 10627
DWR 535 <i>Metarhizium</i> sp. 9688	DWR 591 <i>Metarhizium</i> sp. 9712	DWR 645 <i>Beauveria pseudobassiana</i> 10628
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DWR 537 <i>Beauveria bassiana</i> 10573	DWR 593 <i>Metarhizium</i> sp. 9714	DWR 647 <i>Beauveria pseudobassiana</i> 10630
DWR 538 <i>Beauveria bassiana</i> 10574	DWR 594 <i>Metarhizium</i> sp. 9715	DWR 648 <i>Beauveria bassiana</i> 10631
DWR 539 <i>Beauveria pseudobassiana</i> 10575	DWR 595 <i>Metarhizium</i> sp. 9716	DWR 649 <i>Beauveria bassiana</i> 10632
DWR 54 <i>Metarhizium anisopliae</i> sensu lato 6838	DWR 596 <i>Metarhizium</i> sp. 9717	DWR 65 <i>Metarhizium robertsii</i> 6847
DWR 540 <i>Beauveria bassiana</i> 10576	DWR 597 <i>Metarhizium</i> sp. 9718	DWR 650 <i>Beauveria bassiana</i> 10633
DWR 541 <i>Metarhizium</i> sp. 9689	DWR 598 <i>Metarhizium</i> sp. 9719	DWR 651 <i>Beauveria pseudobassiana</i> 10634
DWR 542 <i>Metarhizium</i> sp. 9690	DWR 599A <i>Metarhizium</i> sp. 9720	DWR 652 <i>Beauveria pseudobassiana</i> 10635
DWR 543 <i>Metarhizium</i> sp. 9691	DWR 599B <i>Metarhizium</i> sp. 9721	DWR 653 <i>Beauveria bassiana</i> 10636
DWR 544 <i>Metarhizium</i> sp. 9692	DWR 60 <i>Metarhizium robertsii</i> 6842	DWR 654 <i>Beauveria bassiana</i> 10637
DWR 545 <i>Metarhizium</i> sp. 9693	DWR 600A <i>Metarhizium</i> sp. 9722	DWR 655 <i>Metarhizium</i> sp. 9744
DWR 546 <i>Metarhizium</i> sp. 9694	DWR 600B <i>Metarhizium</i> sp. 9723	DWR 656 <i>Metarhizium</i> sp. 9745
DWR 547 <i>Metarhizium</i> sp. 9695	DWR 601 <i>Metarhizium</i> sp. 9724	DWR 657 <i>Metarhizium</i> sp. 9746
DWR 548 <i>Beauveria bassiana</i> 10577	DWR 602 <i>Metarhizium</i> sp. 9725	
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 DWR 66 *Metarhizium robertsii* 6848  
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 DWR 661 *Beauveria bassiana* 10638  
 DWR 662 *Beauveria bassiana* 10639  
 DWR 663 *Beauveria bassiana* 10640  
 DWR 664 *Beauveria bassiana* 10641  
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 DWR 666 *Beauveria bassiana* 10643  
 DWR 667 *Beauveria pseudobassiana*  
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     lato 6849  
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     10646  
 DWR 672 *Beauveria bassiana* 10647  
 DWR 673 *Beauveria pseudobassiana*  
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 DWR 674 *Beauveria bassiana* 10649  
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 DWR 679 *Beauveria bassiana* 10654  
 DWR 680 *Beauveria bassiana* 10655  
 DWR 681 *Beauveria bassiana* 10656  
 DWR 682 *Beauveria bassiana* 10657  
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     10658  
 DWR 684 *Beauveria bassiana* 10659  
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 DWR 687 *Beauveria bassiana* 10662  
 DWR 688 *Beauveria bassiana* 10663  
 DWR 689 *Beauveria bassiana* 10664  
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 DWR 698 *Beauveria pseudobassiana*  
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 DWR 701 *Beauveria pseudobassiana*  
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 DWR 703 *Beauveria pseudobassiana*  
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 DWR 704 *Beauveria bassiana* 10673  
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     lato 6850  
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 DWR 725 *Beauveria bassiana* 10689  
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     10690  
 DWR 727 *Beauveria bassiana* 10691  
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DWR 833 <i>Metarhizium</i> sp. 9806	DWR 893 <i>Beauveria bassiana</i> 10780	DWR 952 <i>Beauveria bassiana</i> 10825
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DWR 837 <i>Metarhizium</i> sp. 9810	DWR 897 <i>Beauveria bassiana</i> 10784	DWR 956 <i>Beauveria bassiana</i> 10829
DWR 838 <i>Metarhizium</i> sp. 9811	DWR 898 <i>Beauveria bassiana</i> 10785	DWR 957 <i>Beauveria bassiana</i> 10830
DWR 839 <i>Metarhizium</i> sp. 9812	DWR 899 <i>Beauveria bassiana</i> 10786	DWR 958 <i>Beauveria bassiana</i> 10831
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DWR 842 <i>Metarhizium</i> sp. 9815	DWR 901 <i>Beauveria bassiana</i> 10787	DWR 961 <i>Beauveria bassiana</i> 10834
DWR 843 <i>Metarhizium</i> sp. 9816	DWR 902 <i>Beauveria bassiana</i> 10788	DWR 962 <i>Beauveria bassiana</i> 10835
DWR 844 <i>Metarhizium</i> sp. 9817	DWR 903 <i>Beauveria bassiana</i> 10789	DWR 963 <i>Beauveria bassiana</i> 10836
DWR 845 <i>Metarhizium</i> sp. 9818	DWR 904 <i>Beauveria bassiana</i> 10790	DWR 964 <i>Beauveria bassiana</i> 10837
DWR 846 <i>Metarhizium</i> sp. 9819	DWR 905 <i>Beauveria bassiana</i> 10791	DWR 965 <i>Beauveria bassiana</i> 10838
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DWR 849 <i>Metarhizium</i> sp. 9822	DWR 908 <i>Beauveria bassiana</i> 10794	DWR 968 <i>Beauveria bassiana</i> 10841
DWR 850 <i>Metarhizium</i> sp. 9823	DWR 909 <i>Beauveria bassiana</i> 10795	DWR 969 <i>Beauveria bassiana</i> 10842
DWR 851 <i>Metarhizium</i> sp. 9824	DWR 91 <i>Metarhizium anisopliae</i> sensu lato 6759	DWR 970 <i>Beauveria bassiana</i> 10843
DWR 852 <i>Metarhizium</i> sp. 9825	DWR 910 <i>Beauveria bassiana</i> 10796	DWR 971 <i>Beauveria bassiana</i> 10844
DWR 853 <i>Metarhizium</i> sp. 9826	DWR 911 <i>Metarhizium</i> sp. 9839	DWR 972 <i>Beauveria pseudobassiana</i> 10845
DWR 854 <i>Beauveria pseudobassiana</i> 10753	DWR 912 <i>Metarhizium</i> sp. 9840	DWR 973 <i>Beauveria pseudobassiana</i> 10846
DWR 855 <i>Beauveria bassiana</i> 10754	DWR 913 <i>Metarhizium</i> sp. 9841	DWR 974 <i>Beauveria pseudobassiana</i> 10847
DWR 856 <i>Beauveria bassiana</i> 10755	DWR 914 <i>Metarhizium</i> sp. 9842	DWR 975 <i>Beauveria pseudobassiana</i> 10848
DWR 857 <i>Beauveria bassiana</i> 10756	DWR 915 <i>Metarhizium</i> sp. 9843	DWR 976 <i>Beauveria bassiana</i> 10849
DWR 858 <i>Beauveria bassiana</i> 10757	DWR 916 <i>Metarhizium</i> sp. 9844	DWR 977 <i>Beauveria bassiana</i> 10850
DWR 859 <i>Beauveria bassiana</i> 10758	DWR 917 <i>Metarhizium</i> sp. 9845	DWR 978 <i>Beauveria bassiana</i> 10851
DWR 86 <i>Metarhizium anisopliae</i> sensu lato 6756	DWR 918 <i>Metarhizium</i> sp. 9846	DWR 979 <i>Beauveria bassiana</i> 10852
DWR 860 <i>Beauveria bassiana</i> 10759	DWR 919 <i>Metarhizium</i> sp. 9847	DWR 980 <i>Beauveria bassiana</i> 10853
DWR 861 <i>Beauveria bassiana</i> 10760	DWR 92 <i>Metarhizium anisopliae</i> sensu lato 6760	DWR 981 <i>Beauveria bassiana</i> 10854
DWR 862 <i>Beauveria bassiana</i> 10761	DWR 920 <i>Metarhizium</i> sp. 9848	DWR 982 <i>Beauveria bassiana</i> 10855
DWR 863 <i>Beauveria bassiana</i> 10762	DWR 921 <i>Beauveria bassiana</i> 10797	DWR 983 <i>Beauveria bassiana</i> 10856
DWR 864 <i>Beauveria bassiana</i> 10763	DWR 922 <i>Beauveria bassiana</i> 10798	DWR 984 <i>Beauveria bassiana</i> 10857
DWR 865 <i>Beauveria bassiana</i> 10764	DWR 923 <i>Beauveria pseudobassiana</i> 10799	DWR 985 <i>Beauveria bassiana</i> 10858
DWR 866 <i>Metarhizium</i> sp. 9827	DWR 924 <i>Beauveria bassiana</i> 10800	DWR 986 <i>Beauveria bassiana</i> 10859
DWR 867 <i>Metarhizium</i> sp. 9828	DWR 925 <i>Beauveria bassiana</i> 10801	DWR 987 <i>Beauveria bassiana</i> 10860
DWR 868 <i>Metarhizium</i> sp. 9829	DWR 926 <i>Beauveria bassiana</i> 10802	DWR 988 <i>Beauveria bassiana</i> 10861
DWR 869 <i>Metarhizium</i> sp. 9830	DWR 927 <i>Beauveria bassiana</i> 10803	DWR 989 <i>Beauveria bassiana</i> 10862
DWR 870 <i>Metarhizium</i> sp. 9831	DWR 928 <i>Beauveria bassiana</i> 10804	DWR 990 <i>Beauveria bassiana</i> 10863
DWR 871 <i>Metarhizium</i> sp. 9832	DWR 929 <i>Beauveria bassiana</i> 10805	DWR 991 <i>Beauveria bassiana</i> 10864
DWR 872 <i>Metarhizium</i> sp. 9833	DWR 930 <i>Beauveria bassiana</i> 10806	DWR 992 <i>Beauveria bassiana</i> 10865
DWR 873 <i>Metarhizium</i> sp. 9834	DWR 931 <i>Beauveria bassiana</i> 10807	DWR 993 <i>Beauveria bassiana</i> 10866
DWR 874 <i>Beauveria bassiana</i> 10765	DWR 932 <i>Beauveria bassiana</i> 10808	DWR 994 <i>Beauveria bassiana</i> 10867
DWR 875 <i>Beauveria bassiana</i> 10766	DWR 933 <i>Beauveria bassiana</i> 10809	DWR 995 <i>Beauveria bassiana</i> 10868
DWR 876 <i>Beauveria bassiana</i> 10767	DWR 934 <i>Beauveria bassiana</i> 10810	DWR 996 <i>Beauveria bassiana</i> 10869
DWR 877 <i>Beauveria bassiana</i> 10768	DWR 935 <i>Beauveria bassiana</i> 10811	DWR 997 <i>Beauveria bassiana</i> 10870
DWR 878 <i>Beauveria bassiana</i> 10769	DWR 936 <i>Beauveria bassiana</i> 10812	DWR 998 <i>Beauveria bassiana</i> 10871
DWR 879 <i>Beauveria bassiana</i> 10770	DWR 937 <i>Beauveria bassiana</i> 10813	DWR 999 <i>Beauveria bassiana</i> 10872
DWR 88 <i>Metarhizium anisopliae</i> sensu lato 6757	DWR 938 <i>Beauveria bassiana</i> 10814	E <i>Conidiobolus coronatus</i> 421
DWR 880 <i>Metarhizium</i> sp. 9835	DWR 939 <i>Beauveria bassiana</i> 10815	F <i>Conidiobolus coronatus</i> 422
DWR 881 <i>Metarhizium</i> sp. 9836	DWR 940 <i>Metarhizium</i> sp. 9849	F985 <i>Metarhizium anisopliae</i> var. <i>acridum</i> 8359
DWR 882 <i>Metarhizium</i> sp. 9837	DWR 941 <i>Metarhizium</i> sp. 9850	H <i>Metarhizium flavoviride</i> var. <i>minus</i> 1293
DWR 883 <i>Beauveria bassiana</i> 11874	DWR 942 <i>Metarhizium</i> sp. 9851	H.citrif <i>Hirsutella citriformis</i> 1837
DWR 884 <i>Beauveria bassiana</i> 10771	DWR 943 <i>Beauveria bassiana</i> 10816	I <i>Metarhizium flavoviride</i> var. <i>minus</i> 1277
DWR 885 <i>Beauveria pseudobassiana</i> 10772	DWR 944 <i>Beauveria bassiana</i> 10817	I FAR <i>Beauveria bassiana</i> 308
DWR 886 <i>Beauveria bassiana</i> 10773	DWR 945 <i>Beauveria bassiana</i> 10818	IV <i>Metarhizium flavoviride</i> var. <i>minus</i> 1276
DWR 887 <i>Beauveria bassiana</i> 10774	DWR 946 <i>Beauveria bassiana</i> 10819	
DWR 888 <i>Beauveria bassiana</i> 10775	DWR 947 <i>Beauveria bassiana</i> 10820	
DWR 889 <i>Beauveria bassiana</i> 10776	DWR 948 <i>Beauveria bassiana</i> 10821	
DWR 890 <i>Beauveria bassiana</i> 10777	DWR 949 <i>Beauveria bassiana</i> 10822	

## Alternate Collections

*Roberts, Donald W.  
Rombach, Michiel C.*

- IX *Metarhizium flavoviride* var. *minus* 1279  
 Ma Teetor S-SS#5 *Metarhizium anisopliae* sensu lato 967  
 Ma Teetor S2 SS#1 *Metarhizium anisopliae* sensu lato 875  
 Ma Teetor S2 SS#10 *Metarhizium anisopliae* sensu lato 898  
 Ma Teetor S2 SS#11 *Metarhizium anisopliae* sensu lato 897  
 Ma Teetor S2 SS#12 *Metarhizium anisopliae* sensu lato 896  
 Ma Teetor S2 SS#13 *Metarhizium anisopliae* sensu lato 895  
 Ma Teetor S2 SS#14 *Metarhizium anisopliae* sensu lato 894  
 Ma Teetor S2 SS#15 *Metarhizium anisopliae* sensu lato 870  
 Ma Teetor S2 SS#16 *Metarhizium anisopliae* sensu lato 868  
 Ma Teetor S2 SS#17 *Metarhizium anisopliae* sensu lato 869  
 Ma Teetor S2 SS#18 *Metarhizium anisopliae* sensu lato 867  
 Ma Teetor S2 SS#19 *Metarhizium anisopliae* sensu lato 864  
 Ma Teetor S2 SS#2 *Metarhizium anisopliae* sensu lato 874  
 Ma Teetor S2 SS#20 *Metarhizium anisopliae* sensu lato 865  
 Ma Teetor S2 SS#21 *Metarhizium anisopliae* sensu lato 871  
 Ma Teetor S2 SS#22 *Metarhizium anisopliae* sensu lato 866  
 Ma Teetor S2 SS#3 *Metarhizium anisopliae* sensu lato 893  
 Ma Teetor S2 SS#4 *Metarhizium anisopliae* sensu lato 873  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 872  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 907  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 908  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 909  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 910  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 911  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 912  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 913  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 921  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 922  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 960  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 965  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 966  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 968
- Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1022  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1023  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1024  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1025  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1083  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1084  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1085  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1086  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1087  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1088  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1089  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1090  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1091  
 Ma Teetor S2 SS#5 *Metarhizium anisopliae* sensu lato 1097  
 Ma Teetor S2 SS#6 *Metarhizium anisopliae* sensu lato 892  
 Ma Teetor S2 SS#7 *Metarhizium anisopliae* sensu lato 891  
 Ma Teetor S2 SS#8 *Metarhizium anisopliae* sensu lato 890  
 Ma Teetor S2 SS#9 *Metarhizium anisopliae* sensu lato 889  
 MaT3JB-A *Metarhizium robertsii* 1878  
 MaT3JB-B *Metarhizium robertsii* 1298  
 MaT3JB-C *Metarhizium anisopliae* sensu lato 1280  
 MC-A 181003A *Beauveria bassiana* 7379  
 MC-C 181003C *Beauveria bassiana* 7380  
 N-2 *Beauveria bassiana* 284  
 Pol-32 *Metarhizium majus* 1859  
 Pol-42 *Metarhizium majus* 1858  
 R *Metarhizium flavoviride* var. *minus* 1305  
 S *Metarhizium flavoviride* var. *minus* 1271  
 SG-(F) *Beauveria bassiana* 334  
 SG-(G) *Beauveria bassiana* 333  
 SG-(G) *Beauveria bassiana* 335  
 SG-8 *Beauveria bassiana* 306  
 SH-8 *Beauveria bassiana* 307  
 single spore isolate #1 *Metarhizium anisopliae* sensu lato 1280  
 single spore isolate #9 *Metarhizium robertsii* 1298  
 T2 *Metarhizium flavoviride* var. *minus* 1273  
 V-14 (F84 mutant) *Metarhizium robertsii* 1897  
 VI *Metarhizium flavoviride* var. *minus* 1301  
 VII *Metarhizium flavoviride* var. *minus* 1283
- VIII *Metarhizium anisopliae* sensu lato 1300  
 VSS#1 *Metarhizium anisopliae* sensu lato 906  
 VSS#2 *Metarhizium anisopliae* sensu lato 905  
 VSS#3 *Metarhizium anisopliae* sensu lato 904  
 VSS#4 *Metarhizium anisopliae* sensu lato 903  
 VSS#5 *Metarhizium anisopliae* sensu lato 902  
 VSS#6 *Metarhizium anisopliae* sensu lato 901
- Roberts, Steve**  
 Champ90LH2To(B) *Zoophthora radicans* 3283  
 Champ90LH2To(E) *Zoophthora radicans* 3284
- Rodriguez Sierra, Dora Alba**  
 103 Bb *Evlachovaea* sp. 2297  
 106 Bb *Beauveria bassiana* 2248  
 201 Bb *Beauveria bassiana* 2250  
 203 Bb *Beauveria bassiana* 2249  
 UJ89001 *Purpureocillium lilacinum* 5805  
 UJ89002 *Isaria javanica* 5806
- Rogerson, Clark T.**  
 71-13 *Mariannaea elegans* 5350  
 71-199 *Mariannaea elegans* 5349
- Rombach, Michiel C.**  
 030786-2 *Hirsutella* sp. 2208  
 041186-1 *Beauveria bassiana* 2360  
 051185-4 *Metarhizium flavoviride* var. *minus* 2037  
 061185-1 *Metarhizium pingshaense* 2043  
 070786-5 *Hirsutella* sp. 2209  
 071185-2 *Hirsutella strigosa* 2044  
 071185-3 *Fusarium semitecum* 2053  
 090586-1 *Hirsutella repens* 2348  
 090586-1 *Hirsutella repens* 2359  
 090586-1 *Hirsutella repens* 2394  
 090686-1 *Hirsutella strigosa* 2197  
 10B *Hirsutella citriformis* 1436  
 11(ascosp.) *Torrubiella raticaudata* 1915  
 111286-2 *Nomuraea rileyi* 2345  
 111286-4 *Hirsutella citriformis* 2346  
 120186-2 *Metarhizium flavoviride* var. *minus* 2339  
 120286-2 *Metarhizium anisopliae* sensu lato 2341  
 120286-3 *Metarhizium anisopliae* sensu lato 2342  
 120286-4 *Metarhizium anisopliae* sensu lato 2343  
 121186-1 *Nomuraea rileyi* 2395  
 130586-14 *Nomuraea rileyi* 2174  
 130586-17 *Metarhizium album* 2176  
 130586-18 Unidentified / *Hyphomycetes* 2177  
 130586-19 *Metarhizium album* 2178  
 130586-20 *Metarhizium album* 2179  
 130586-3 *Isaria fumosorosea* 2175  
 131286-1 *Verticillium cinnamomeum* 2399

- 131286-13 *Aschersonia* sp. 2398  
 131286-19 *Aschersonia* sp. 2351  
 131286-19 *Aschersonia* sp. 2397  
 131286-6 *Paecilomyces* sp. 2350  
 131286-6 *Paecilomyces* sp. 2378  
 14 *Lecanicillium lecanii* 1905  
 140486 *Metarhizium brunneum* 2224  
 140486-1 *Aspergillus parasiticus* 2173  
 140486-1 *Metarhizium brunneum* 2210  
 140486-1 Unidentified / Hyphomycetes 2225  
 161085-11 *Torrubiella homopterorum* 2045  
 161085-35 *Metarhizium anisopliae* sensu lato 2038  
 161085-36 *Metarhizium anisopliae* sensu lato 2039  
 161285-1 *Isaria fumosorosea* 2198  
 170386-1 *Metarhizium anisopliae* var. *majus* 2151  
 171085-1 *Beauveria bassiana* 2040  
 181286-1B *Hirsutella citriformis* 2347  
 190386-1 *Isaria guaensis* 2152  
 190688-1 *Hirsutella verticilliodes* 2599  
 2 *Calcarisporium ovalisporum* 1907  
 200386-2 *Metarhizium anisopliae* sensu stricto 2153  
 201286-2 *Hirsutella guyana* 2352  
 201286-2 *Hirsutella guyana* 2387  
 201286-4 *Metarhizium* sp. 2353  
 201286-5 *Isaria farinosa* 2376  
 201286-6 *Paecilomyces* sp. 2354  
 201286-7 *Isaria farinosa* 2355  
 201286-8 *Aschersonia insperata* 2356  
 220386-1 *Aschersonia aleyrodis* 2154  
 220386-1 *Hirsutella bogoriensis* 2187  
 220786-1 *Metarhizium anisopliae* sensu lato 2230  
 221086-1 *Isaria farinosa* 2344  
 281085-1 *Beauveria bassiana* 2041  
 3 *Nomuraea rileyi* 1893  
 301286-7 *Aschersonia* sp. 2357  
 301286-8 *Aschersonia* sp. 2358  
 301286-9 *Aschersonia insperata* 2396  
 5 *Sporothrix* sp. 1908  
 7 *Nomuraea atypicola* 1904  
 9(ext.myc.) *Torrubiella ratticaudata* 1916  
 9(int.myc.) *Gibellula clavulifera* var. *alba* 1909  
 A *Beauveria brongniartii* 1431  
 A *Zoophtora radicans* 1699  
 B *Metarhizium anisopliae* sensu lato 1432  
 Cov-2 *Calcarisporium ovalisporum* 2035  
 Cov-5 *Calcarisporium ovalisporum* 2036  
 E Unidentified sp. 1703  
 Gib-Gam *Gibellula pulchra* 1732  
 H.min. *Hirsutella citriformis* 1549  
 H.Pal. *Hirsutella citriformis* 1550  
 H.sep. *Hirsutella* sp. 1551  
 II.1 Sterile mycelium 1435  
 Lib.11 *Metarhizium flavoviride* var. *minus* 1546  
 Lib.16 *Metarhizium flavoviride* var. *minus* 1547
- Ma Pal.I *Metarhizium anisopliae* sensu lato 1548  
 Ma Pal.II *Metarhizium pingshaense* 1545  
 MALBIRRI *Metarhizium flavoviride* var. *minus* 1945  
 MLAG *Metarhizium album* 1942  
 MLAGwhite *Metarhizium album* 1943  
 MMQ *Metarhizium majus* 1946  
 MPAL *Metarhizium album* 1941  
 Nr-B *Nomuraea rileyi* 1761
- Romney, Steven V.**  
 LGNC-1 *Lagenidium giganteum* 373
- Rong, Isabel**  
 PPRI 6396 *Tolypocladium cylindrosporum* 5538  
 PPRI 6407 *Hirsutella illustris* 5539
- Rosenthal, C.**  
 MP1 *Verticillium* sp. 4074
- RSA**  
 1269 *Basidiobolus haptosporus* 263  
 1737 *Basidiobolus microsporus* 268  
 2088 *Basidiobolus microsporus* 269  
 2252 *Basidiobolus haptosporus* 264  
 228 *Basidiobolus haptosporus* 261  
 334 *Basidiobolus ranarum* 260  
 962 *Basidiobolus microsporus* 265  
 964 *Basidiobolus haptosporus* 262  
 982 *Basidiobolus microsporus* 267
- Rubner, Annamarthe**  
 A.R. 9226 *Arthrobotrys amerospora* 4809  
 AR 9126 *Monacrosporium thaumasium* 4802  
 AR 9137 *Monacrosporium thaumasium* 4806  
 AR 9212 *Monacrosporium ellipsosporum* 4803  
 AR 922 *Dactylella oxyspora* 4801  
 AR 9225 *Gamsylella gephypopaga* 4817  
 AR 9229 *Monacrosporium elegans* 4807  
 AR 9232 *Monacrosporium elegans* 4810  
 AR 9314 *Arthrobotrys brochopaga* 4815  
 AR 9337 *Arthrobotrys cladodes* var. *macroides* 4800  
 AR 9338 *Monacrosporium elegans* 4805  
 AR 934 *Arthrobotrys conoides* 4804  
 AR 9340 *Gamsylella lobata* 4811  
 AR 938 *Monacrosporium psychrophilum* 4813
- Salinas, J.**  
 F92-6 *Paecilomyces* sp. 3787
- Samuels, G.J.**  
 81-358 *Atrichordyceps harposporifera* 5472  
 83-264 *Neobarya parasitica* 6156  
 Afr 114 *Aschersonia placenta* 7616  
 Afr 116 *Aschersonia andropogonis* 7639  
 Afr 28 *Aschersonia placenta* 7637  
 Afr 33 *Hypocrella africana* 7696  
 Afr 55 *Aschersonia napoleonae* 7697  
 Afr 64 *Aschersonia andropogonis* 7698  
 Afr 70 *Aschersonia andropogonis* 7638  
 Afr 85 *Aschersonia* sp. 7699  
 GJS 96-242 *Harposporium* sp. 5410
- Sánchez Peña, Sergio René**  
 1 *Metarhizium brunneum* 2764  
 1 *Nomuraea rileyi* 11939  
 2 *Lecanicillium* sp. 2(?) 2832  
 2M10 *Metarhizium anisopliae* sensu lato 11945  
 3 *Isaria farinosa* 2822  
 3 *Nomuraea rileyi* 11941  
 3-2 *Beauveria bassiana* 2857  
 4 *Nomuraea rileyi* 11942  
 4-2 *Conidiobolus* sp. 2819  
 5 *Nomuraea rileyi* 11943  
 A1 *Isaria tenuipes* 2488  
 A2 *Isaria tenuipes* 2489  
 B1 *Isaria tenuipes* 2490  
 B2 *Isaria tenuipes* 2491  
 FM4 *Metarhizium anisopliae* sensu lato 11946  
 FM6 *Metarhizium anisopliae* sensu lato 11947  
 T-1 *Aschersonia turbinata* 11868  
 T-2 *Aschersonia turbinata* 11869  
 Trachym 1 *Beauveria bassiana* 2484  
 Trachym 2 *Beauveria bassiana* 2485  
 Trachym 3 *Beauveria bassiana* 2486  
 U-1 *Moelleriella umbospora* 11870  
 U-2 *Moelleriella umbospora* 11871
- Sandoval, Sonia**  
 87 *Isaria farinosa* 2556  
 95 *Beauveria pseudobassiana* 2557
- SARL**  
 1 *Isaria fumosorosea* 5251  
 10 *Isaria fumosorosea* 5260  
 100 *Isaria fumosorosea* 5310  
 101 *Isaria fumosorosea* 5311  
 102 *Isaria fumosorosea* 5312  
 103 *Isaria fumosorosea* 5313  
 104 *Isaria fumosorosea* 5314  
 105 *Isaria fumosorosea* 5315  
 106 *Beauveria bassiana* 5275  
 107 *Beauveria bassiana* 5276  
 108 *Beauveria bassiana* 5277  
 11 *Isaria fumosorosea* 5261  
 110 *Beauveria bassiana* 5278  
 111 *Beauveria bassiana* 5279  
 112 *Beauveria bassiana* 5280  
 118 *Isaria fumosorosea* 5316  
 119 *Isaria fumosorosea* 5317  
 12 *Isaria fumosorosea* 5262  
 120 *Isaria fumosorosea* 5318  
 121 *Isaria fumosorosea* 5319  
 122 *Beauveria bassiana* 5281  
 123 *Beauveria bassiana* 5282  
 124 *Isaria fumosorosea* 5320  
 125 *Isaria javanica* 5321  
 126 *Isaria fumosorosea* 5322  
 127 *Isaria fumosorosea* 5323  
 128 *Isaria fumosorosea* 5324  
 129 *Isaria fumosorosea* 5325  
 13 *Isaria fumosorosea* 5263  
 130 *Isaria fumosorosea* 5326  
 131 *Isaria fumosorosea* 5327  
 132 *Isaria fumosorosea* 5328  
 133 *Beauveria bassiana* 5283  
 133 *Beauveria bassiana* 5283

## Alternate Collections

134 <i>Beauveria bassiana</i> 5284	<b>Schaerffenberg, Bruno</b>	<b>Sewify, Gamal</b>
14 <i>Isaria fumosorosea</i> 5264	Ma1 <i>Metarhizium anisopliae</i> sensu lato 847	1 <i>Gliocladium(?)</i> sp. 6579
144 <i>Beauveria bassiana</i> 5285	Ma10 <i>Metarhizium anisopliae</i> sensu lato 851	2 <i>Verticillium</i> sp. 6580
145 <i>Isaria fumosorosea</i> 5329	Ma11 <i>Metarhizium anisopliae</i> sensu lato 853	3 <i>Lecanicillium psalliotae</i> 6581
147 <i>Isaria fumosorosea</i> 5330	Ma12 <i>Metarhizium anisopliae</i> sensu lato 856	4 <i>Lecanicillium psalliotae</i> 6582
149 <i>Isaria fumosorosea</i> 5331	Ma13 <i>Metarhizium anisopliae</i> sensu lato 845	5 <i>Gliocladium(?)</i> sp. 6583
15 <i>Isaria fumosorosea</i> 5265	Ma14 <i>Metarhizium anisopliae</i> sensu lato 854	6 <i>Simplicillium</i> sp. 6584
150 <i>Fusarium</i> sp. 5332	Ma15 <i>Metarhizium anisopliae</i> sensu lato 850	
155 <i>Beauveria bassiana</i> 5286	Ma16 <i>Metarhizium anisopliae</i> sensu lato 844	<b>Shepard, B.M.</b>
16 <i>Isaria fumosorosea</i> 5266	Ma17 <i>Metarhizium anisopliae</i> sensu lato 848	NrMin-1 <i>Nomuraea rileyi</i> 1758
160 <i>Beauveria bassiana</i> 5287	Ma18 <i>Metarhizium anisopliae</i> sensu lato 846	NrMin-14 <i>Nomuraea rileyi</i> 1756
161 <i>Beauveria bassiana</i> 5288	Ma19 <i>Metarhizium anisopliae</i> sensu lato 858	NrMin-19 <i>Nomuraea rileyi</i> 1757
162 <i>Beauveria bassiana</i> 5289	Ma2 <i>Metarhizium anisopliae</i> sensu lato 862	NrMin-23 <i>Nomuraea rileyi</i> 1760
163 <i>Beauveria bassiana</i> 5290	Ma20 <i>Metarhizium anisopliae</i> sensu lato 861	NrMin-5 <i>Nomuraea rileyi</i> 1759
164 <i>Beauveria bassiana</i> 5291	Ma3 <i>Metarhizium anisopliae</i> sensu lato 863	<b>Shimazu, Mitsuaki</b>
165 <i>Beauveria bassiana</i> 5292	Ma4 <i>Metarhizium anisopliae</i> sensu lato 859	48a <i>Isaria flavovirescens</i> 1686
166 <i>Beauveria bassiana</i> 5293	Ma5 <i>Metarhizium anisopliae</i> sensu lato 855	F-1101 <i>Beauveria brongniartii</i> 6412
167 <i>Beauveria bassiana</i> 5294	Ma6 <i>Metarhizium anisopliae</i> sensu lato 852	F-1208 Unidentified / Hyphomycetes 7518
168 <i>Beauveria bassiana</i> 5295	Ma7 <i>Metarhizium anisopliae</i> sensu lato 860	F-1209 <i>Beauveria bassiana</i> 7519
169 <i>Beauveria bassiana</i> 5296	Ma8 <i>Metarhizium anisopliae</i> sensu lato 849	F-1210 <i>Beauveria bassiana</i> 7520
17 <i>Isaria fumosorosea</i> 5267	Ma9 <i>Metarhizium anisopliae</i> sensu lato 857	F-1211 <i>Beauveria bassiana</i> 7521
18 <i>Isaria fumosorosea</i> 5268		F-16 <i>Pandora delphacis</i> 1124
19 <i>Isaria fumosorosea</i> 5269		F-17 <i>Zoophthora radicans</i> 1125
2 <i>Isaria fumosorosea</i> 5252		F-185 <i>Beauveria bassiana</i> 1677
20 <i>Isaria fumosorosea</i> 5270		F-237 <i>Beauveria bassiana</i> 1678
21 <i>Isaria fumosorosea</i> 5271		F-25 <i>Conidiobolus obscurus</i> 1131
22 <i>Beauveria bassiana</i> 5281		F-263 <i>Beauveria bassiana</i> 1679
22 <i>Beauveria bassiana</i> 5282		F-313 <i>Beauveria amorpha</i> 1680
28 <i>Isaria fumosorosea</i> 5299		F-32 <i>Pandora delphacis</i> 1132
29 <i>Isaria fumosorosea</i> 5300		F-327 <i>Entomophaga aulicae</i> 1657
3 <i>Isaria fumosorosea</i> 5253		F-33 <i>Pandora delphacis</i> 1133
30 <i>Isaria fumosorosea</i> 5272		F-333 <i>Beauveria</i> sp. 1681
30 <i>Isaria fumosorosea</i> 5301		F-339 <i>Entomophaga aulicae</i> 1140
31 <i>Isaria fumosorosea</i> 5302		F-339 <i>Entomophaga aulicae</i> 1656
33 <i>Beauveria bassiana</i> 5274		F-343 <i>Entomophaga aulicae</i> 1655
33 <i>Beauveria bassiana</i> 5273		F-344 <i>Erynia</i> sp. 1143
34 <i>Isaria fumosorosea</i> 5297		F-356 <i>Furia neopyralidarum</i> 1145
34 <i>Isaria fumosorosea</i> 5304		F-357(11) <i>Beauveria</i> sp. 1682
35 <i>Isaria fumosorosea</i> 5298		F-359(30) <i>Beauveria bassiana</i> 1683
35 <i>Isaria fumosorosea</i> 5305		F-36 <i>Pandora neoaphidis</i> 1134
36 <i>Isaria fumosorosea</i> 5299		F-382 <i>Batkoa apiculata</i> 1146
37 <i>Isaria fumosorosea</i> 5300		F-43 <i>Zoophthora radicans</i> 1136
38 <i>Isaria fumosorosea</i> 5301		F-430(4) <i>Isaria andoi</i> 1684
39 <i>Isaria fumosorosea</i> 5302		F-446 <i>Entomophaga maimaiga</i> 1658
4 <i>Isaria fumosorosea</i> 5254		F-448(1) <i>Zoophthora radicans</i> 1674
40 <i>Isaria fumosorosea</i> 5303		F-448(2) <i>Zoophthora radicans</i> 1675
41 <i>Beauveria bassiana</i> 5274		F-450 <i>Beauveria sungii</i> 1685
42 <i>Isaria fumosorosea</i> 5304		F-457 <i>Entomophaga asiatica</i> 1659
43 <i>Isaria fumosorosea</i> 5305		F-522 <i>Cordyceps militaris</i> 2416
44 <i>Isaria farinosa</i> 5306		F-530-1 <i>Entomophaga aulicae</i> 2374
45 <i>Isaria fumosorosea</i> 5307		F-530-2 <i>Entomophaga aulicae</i> 2373
5 <i>Isaria fumosorosea</i> 5255		F-531 <i>Entomophaga aulicae</i> 2372
6 <i>Isaria fumosorosea</i> 5256		F-54 <i>Pandora neoaphidis</i> 1137
7 <i>Isaria fumosorosea</i> 5257		F-541-1 <i>Entomophaga maimaiga</i> 2371
8 <i>Isaria fumosorosea</i> 5258		F-541-2 <i>Entomophaga maimaiga</i> 2370
9 <i>Isaria javanica</i> 5259		F-545 <i>Tilachlidium</i> sp. 2415
98 <i>Isaria fumosorosea</i> 5308		F-553-1 <i>Entomophaga aulicae</i> 2365
99 <i>Isaria fumosorosea</i> 5309		F-553-3 <i>Entomophaga aulicae</i> 2363
<b>Sato, Hiroki</b>		F-554-1 <i>Entomophaga aulicae</i> 2369
F522 <i>Cordyceps</i> sp. 4936		F-554-2 <i>Entomophaga aulicae</i> 2368
<b>SBI</b>		F-554-3 <i>Entomophaga aulicae</i> 2367
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87-2 <i>Fusarium</i> sp. 2418		F-555 <i>Entomophaga aulicae</i> 2366
		F-56 <i>Pandora delphacis</i> 1268
		F-57 <i>Basidiobolus ranarum</i> 1139

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F-638 <i>Cordyceps brongniartii</i> 7517	Ch:BG:60(5WM) <i>Hirsutella</i> sp. 2939	8133-1 <i>Conidiobolus coronatus</i> 597
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FE3 <i>Pandora dipterigena</i> 1921	SP-483 <i>Beauveria bassiana</i> 10354	8133-1/BPH-1 <i>Conidiobolus coronatus</i> 565
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p8-2d <i>Beauveria bassiana</i> 6806	SP-554 <i>Beauveria bassiana</i> 10358	84528-1 <i>Batkoia major</i> 1427
p8-3a <i>Beauveria bassiana</i> 6807	SP-555 <i>Isaria</i> sp. 10382	84626-3 <i>Entomophaga maimaiga</i> 1390
p9-6a <i>Beauveria bassiana</i> 6808	SP-567 <i>Beauveria bassiana</i> 10360	84626-7 <i>Entomophaga maimaiga</i> 1400
<b>Sivcev, Ivan L.</b>	SP-570 <i>Isaria</i> sp. 10376	84626-7-1 <i>Entomophaga maimaiga</i> 1391
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174/85 <i>Pandora neoaphidis</i> 2108	SP-585 <i>Beauveria bassiana</i> 10362	84627-6 <i>Entomophaga asiatica</i> 1393
184/85 <i>Pandora neoaphidis</i> 2109	<b>Smith, Matthew E.</b>	8465-1 <i>Conidiobolus</i> sp. 1426
185/85 <i>Pandora neoaphidis</i> 2110	Harpol1 <i>Harposporium microsporum</i> 8424	B <i>Pandora delphacis</i> 478
198/85 <i>Pandora neoaphidis</i> 2123	Harpol3 <i>Harposporium lilliputianum</i> 8425	B <i>Beauveria bassiana</i> 1553
20/86 <i>Erynia</i> sp. 2279	Harpol4 <i>Harposporium oxycoracum</i> 8426	Bb-1 <i>Beauveria bassiana</i> 356
202 Unidentified sp. 1693	<b>Smith, Michael</b>	Bb-2 <i>Beauveria bassiana</i> 357
21/85 <i>Pandora neoaphidis</i> 2016	I01:020 <i>Conidiobolus</i> sp. 1488	C <i>Beauveria bassiana</i> 1554
216 Unidentified sp. 1694	K13:004 <i>Conidiobolus</i> sp. 1445	D <i>Beauveria bassiana</i> 1555
217 <i>Pandora neoaphidis</i> 1695	L05:001 <i>Conidiobolus</i> sp. 1444	E <i>Beauveria bassiana</i> 1556
229/85 <i>Pandora neoaphidis</i> 2112	N01:141 <i>Conidiobolus</i> sp. 1485	F84-1-1 <i>Metarhizium robertsii</i> 23
249/85 <i>Pandora neoaphidis</i> 2124	O08:017 <i>Conidiobolus</i> sp. 1486	NT-20 <i>Metarhizium anisopliae</i> sensu lato 487
261/85 <i>Pandora neoaphidis</i> 2128	Q01:119 <i>Conidiobolus</i> sp. 1487	NT-21 <i>Metarhizium anisopliae</i> sensu lato 485
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282/85 <i>Pandora neoaphidis</i> 2116	17 <i>Metarhizium brunneum</i> 817	
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287 <i>Lecanicillium lecanii</i> 1787	20 <i>Beauveria bassiana</i> 816	
291/85 <i>Pandora neoaphidis</i> 2118	21 <i>Metarhizium guizhouense</i> 819	
294/85 <i>Pandora neoaphidis</i> 2119	3 <i>Beauveria bassiana</i> 812	
297/85 <i>Pandora neoaphidis</i> 2120	34 <i>Beauveria bassiana</i> 886	
301/85 <i>Pandora neoaphidis</i> 2121	6 <i>Beauveria pseudobassiana</i> 813	
304/85 <i>Pandora neoaphidis</i> 2122	A7 <i>Metarhizium brunneum</i> 820	
42/86 <i>Erynia</i> sp. 2292	Tc4c <i>Tolyphocladium cylindrosporum</i> 1580	
46/86 <i>Pandora neoaphidis</i> 2280	<b>Soper, Richard S.</b>	
52/86 <i>Zoophthora phalloides</i> 2281	10 <i>Nomuraea rileyi</i> 481	
53/86 <i>Pandora neoaphidis</i> 2293	81223-1 <i>Gibellula</i> sp. 569	
55/85 Unidentified / Zygomycetes 2022	81223-1 <i>Pandora delphacis</i> 580	
55/86 <i>Erynia</i> sp. 2294	81223-1 <i>Entomophaga australiensis</i> 581	
63/85 <i>Pandora neoaphidis</i> 2019	81224-2 <i>Conidiobolus coronatus</i> 567	
65/85 <i>Pandora neoaphidis</i> 2020	81225-1 <i>Hirsutella</i> sp. 568	
74/85 <i>Pandora neoaphidis</i> 2017	81226-1 <i>Hirsutella citriformis</i> 591	
76/85 <i>Pandora neoaphidis</i> 2018	81226-1 <i>Conidiobolus</i> sp. 596	
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F-30 <i>Pandora neoaphidis</i> 1827	81227-2 <i>Conidiobolus</i> sp. 595	
F-34 <i>Pandora neoaphidis</i> 1826	81227-3 <i>Conidiobolus</i> nr. <i>coronatus</i> 600	
R-1 <i>Pandora neoaphidis</i> 1696	81227-4 <i>Conidiobolus</i> nr. <i>coronatus</i> 599	
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 CNPSo Nr 195 *Nomuraea rileyi* 6779  
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 CNPSo-Bb48 *Beauveria* sp. 3929  
 CNPSo-Bb49 *Metarhizium anisopliae*  
     sensu lato 3930  
 CNPSo-Bb56 *Beauveria bassiana* 3934  
 CNPSo-Bb56 *Beauveria* sp. 3936  
 CNPSo-Ma12 *Metarhizium anisopliae*  
     sensu lato 5161  
 CNPSo-MA2 *Metarhizium anisopliae*  
     sensu lato 3918  
 CNPSo-Ma3 *Metarhizium anisopliae*  
     sensu lato 3919  
 CNPSo-Ma4 *Metarhizium anisopliae*  
     sensu lato 3920  
 CNPSo-Ma58 *Metarhizium anisopliae*  
     sensu stricto 3924  
 CNPSo-Ma60 *Metarhizium robertsii*  
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 CNPSo-P78 *Isaria fumosorosea* 5155  
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 CNPSo-P81 *Isaria fumosorosea* 5158  
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 CNPSo-P83 *Paecilomyces* sp. 5160

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OSC 93609 *Cordyceps cardinalis* 7192  
 OSC 93610 *Cordyceps cardinalis* 7193  
 OSC 93612 *Cordyceps cardinalis* 7194  
 OSC 93613 *Cordyceps cardinalis* 7195  
 OSC 93614 *Cordyceps cardinalis* 7196  
 OSC 93616 *Cordyceps cardinalis* 7197  
 OSC 93617 *Cordyceps cardinalis* 7198

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VLI-478 *Paecilomyces* sp. 7747  
 VLI-61 *Paecilomyces* sp. 7756  
 VLI-83/C *Cordyceps* sp. 7807  
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 AS-429 *Pochonia chlamydosporia* var.  
     *chlamydosporia* 7852  
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 B-15 *Isaria fumosorosea* 7740  
 B-156 *Conidiobolus thrombooides* 7215  
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 B-183 *Isaria* sp. 9508  
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 B-22 *Beauveria* sp. 7580  
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 B-230 *Lecanicillium aphanocladii* 9461  
 B-234/1 *Lecanicillium muscarium* 9477  
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 B-234/3 *Lecanicillium muscarium* 7738  
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 B-25 *Beauveria bassiana* 7581  
 B-255 *Lecanicillium* sp. 7635  
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 B-28 *Beauveria* sp. 7582  
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F84-1-1 *Metarhizium anisopliae* sensu  
lato 1094

F84-1-1 *Metarhizium anisopliae* sensu  
lato 1097

**TeStrake, Diane**

TL-10 *Basidiobolus* sp. 2048

TL-12 *Basidiobolus* sp. 2049

TL-13 *Basidiobolus* sp. 2050

TT-5 *Basidiobolus* sp. 2051

TT-9 *Basidiobolus* sp. 2052

**Thamarai Chelvi, C.**

1 *Metarhizium anisopliae* sensu stricto  
10472

2 *Metarhizium anisopliae* sensu stricto  
10473

3 *Metarhizium anisopliae* sensu stricto  
10474

4 *Metarhizium anisopliae* sensu stricto  
10475

5 *Metarhizium anisopliae* sensu stricto  
10476

6 *Metarhizium anisopliae* sensu stricto  
10477

**Theunis, W.**

PNG 1 *Metarhizium guizhouense* 4604

PNG 2A *Metarhizium anisopliae* sensu  
lato 4630

PNG 2B *Metarhizium lepidiotae* 4660

PNG 2B *Metarhizium anisopliae* sensu  
lato 4773

PNG 3B *Metarhizium lepidiotae* 4587

SOL IS 10 *Metarhizium anisopliae* sensu  
lato 4339

SOL IS 11 *Metarhizium anisopliae* sensu  
lato 4338

SOL IS 12 *Metarhizium anisopliae* sensu  
lato 4336

SOL IS 12 *Metarhizium anisopliae* sensu  
lato 4341

SOL IS 14 *Metarhizium anisopliae* sensu  
lato 4337

SOL IS 14 *Metarhizium anisopliae* sensu  
lato 4340

SOL IS 15 *Metarhizium pingshaense*  
4342

SOL IS 16 *Metarhizium anisopliae* sensu  
lato 4334

SOL IS 17 *Metarhizium anisopliae* sensu  
lato 4290

SOL IS 2 *Metarhizium anisopliae* sensu  
lato 4572

SOL IS 4 *Metarhizium pingshaense* 4610

SOL IS 6 *Metarhizium anisopliae* sensu  
lato 4333

SOL IS 7 *Metarhizium anisopliae* sensu  
lato 4335

SOL IS1 *Metarhizium anisopliae* sensu  
lato 4582

**Tigano-Milani, Myrian Silvana**

CG-186 *Paecilomyces* sp. 3853

CG-334 Unidentified sp. 3856

CG-335 *Isaria fumosorosea* 3852

CG-338 *Isaria fumosorosea* 3857

CG-371 *Purpureocillium lilacinum* 3854

CG-371 *Paecilomyces marquandii* 3855

CG-76#1 *Beauveria* sp. 3859

CG-76#2 Unidentified sp. 3860

CG-86 *Beauveria bassiana* 3858

**Timper, Patricia**

903a Unidentified / Hyphomycetes 5237

903b Unidentified / Hyphomycetes 5238

907 Unidentified / Hyphomycetes 5240

908 Unidentified / Hyphomycetes 5241

BG2 Unidentified / Hyphomycetes 5239

C1 *Drechmeria coniospora* 3354

C11 Sterile mycelium 3735

C3 *Hirsutella rhossiliensis* 3207

KY-1 Unidentified / Hyphomycetes  
5244

MS-1 Unidentified / Hyphomycetes  
5245

MS-3 Unidentified / Hyphomycetes  
5246

MS-5 Unidentified / Hyphomycetes  
5247

MS-8 Unidentified / Hyphomycetes  
5248

TN-12 Unidentified / Hyphomycetes  
5242

TN-14 Unidentified / Hyphomycetes  
5243

## Alternate Collections

### Tiwary, B. N.

- IF-1 *Fusarium* sp. 8277
- IF-10 *Fusarium* sp. 8281
- IF-11 *Fusarium* sp. 8282
- IF-12 *Fusarium* sp. 8283
- IF-13 *Aspergillus* sp. 8284
- IF-14 *Fusarium* sp. 8285
- IF-19 *Fusarium* sp. 8286
- IF-2 *Fusarium* sp. 8278
- IF-20 *Fusarium* sp. 8287
- IF-5 *Fusarium* sp. 8279
- IF-7 *Aspergillus* sp. 8280
- SCF-3 *Fusarium* sp. 8288
- SCF-4 *Aspergillus* *flavus* 8289
- SCF-7 *Fusarium* sp. 8290
- SCF-8 *Fusarium* *lateritium* 8291
- SCF-9 *Aspergillus* sp. 8292
- SFN-1 *Aspergillus* sp. 8519

### Toledo, Andrea V.

- HC063 *Hirsutella citriformis* 8677
- HC064 *Hirsutella citriformis* 8678
- HC065 *Hirsutella citriformis* 8679
- ZR062 *Zoophthora radicans* 8466

### Torres Barragan, Andrea

- Ral 5 *Metarhizium anisopliae* sensu lato 8769
- Ral 6 *Isaria farinosa* 8770
- Ral12T *Scopulariopsis brevicaulis* 9943

### Tucker, Bruce E.

- 171 *Conidiobolus coronatus* 274

### Tunali, Berna

- 11 *Fusarium* sp. 6394
- 12 *Fusarium* sp. 6395
- 16 *Fusarium* sp. 6396
- 17 *Fusarium* sp. 6425
- 18 *Fusarium* sp. 6397
- 19 *Fusarium* sp. 6398
- 20 *Aspergillus* sp. 6399
- 21 *Fusarium* sp. 6428
- 22 *Fusarium* sp. 6400
- 23 *Fusarium* sp. 6401
- 24 *Fusarium* sp. 6402
- 25 *Fusarium* sp. 6403
- 27 *Beauveria bassiana* 6404
- 28 *Beauveria bassiana* 6426
- 29 *Aspergillus* sp. 6405
- 31 *Aspergillus* sp. 6406
- 32 *Aspergillus niger* 6407
- 33 *Aspergillus* sp. 6408
- 34 *Fusarium* sp. 6411
- 36 *Fusarium* sp. 6409
- 38 *Fusarium* sp. 6410
- 39 *Fusarium* sp. 6429

### Turlington, Lewis

- West Borax 1, colony B *Isaria farinosa* 1939

### Tzean, S. S.

- PPH 13E *Nomuraea cylindrospora* 6926
- PPH 14E *Nomuraea viridulus* 6927

### UAF

- 189 *Beauveria bassiana* 2953

### UAMH

- ?4995 *Tolypocladium cylindrosporum* 961
- 1514 *Beauveria bassiana* 2454
- 2994 *Chamaeleomyces viridis* 2456
- 4132 *Beauveria pseudobassiana* 2455
- 4563 *Tolypocladium cylindrosporum* 961
- 4592 *Tolypocladium cylindrosporum* 962
- 4593 *Tolypocladium cylindrosporum* 963
- 4618 *Culicinomyces clavisporus* 964
- 4848 *Culicinomyces clavisporus* 372
- 4849 *Culicinomyces clavisporus* 582
- 4850 *Culicinomyces clavisporus* 584
- 4851 *Culicinomyces clavisporus* 706
- 4854 *Culicinomyces clavisporus* 1260
- 4854 *Culicinomyces clavisporus* 2482
- 4869 *Culicinomyces clavisporus* 583
- 5174 *Culicinomyces bisporalis* 1948
- 5175 *Culicinomyces bisporalis* 1949
- 5256 *Haptocillium balanoides* 2483
- 5301 *Nomuraea anemonoides* 2467
- 5977 *Hirsutella rhossiliensis* 2006
- 5978 *Hirsutella strigosa* 2044
- 6730 *Fusarium acuminatum* 3218
- 8723 *Tolypocladium inflatum* 4884

### Ugine, Todd A.

- NI8 *Beauveria bassiana* 8889
- TPB3 *Beauveria bassiana* 8889

### Underwood, Nancy

- 2457 *Beauveria bassiana* 3892
- 3166 *Beauveria bassiana* 3891
- 3836 *Lecanicillium lecanii*(?) 3882
- 3837 *Lecanicillium lecanii*(?) 3883
- 3839 *Lecanicillium lecanii*(?) 3884
- ARSEF2153 *Metarhizium anisopliae* sensu lato 3822
- ARSEF2859 *Verticillium lecanii* 3862
- ARSEF2862 *Lecanicillium muscarium* 3861
- ARSEF3682 *Isaria fumosorosea* 3824
- U1555 *Beauveria bassiana* 3906
- U2320 *Beauveria bassiana* 3907
- U2858 *Verticillium lecanii* 3909
- U2882 *Beauveria bassiana* 3905
- U3000 *Verticillium lecanii* 3903
- U3385 *Beauveria bassiana* 3890
- U3836 *Verticillium lecanii* 3881
- U3838 *Verticillium lecanii* 3902
- U3840 *Verticillium lecanii* 3904
- U3908 *Beauveria bassiana* 3908

### UTMB

- 3109 *Conidiobolus* sp. 2928

### Vandenberg, John D.

- 18 *Metarhizium anisopliae* sensu lato 4820
- 2 *Ascospaera aggregata* 689
- 21 *Metarhizium anisopliae* sensu lato 4823
- 27-2 *Fusarium* sp. 4825
- 29 *Metarhizium anisopliae* sensu lato 4821
- 29-2 *Metarhizium anisopliae* sensu lato 4824
- 3 *Ascospaera aggregata* 690
- 4 *Ascospaera apis* 691

### 5 *Ascospaera apis* 692

- 6 *Ascospaera atra* 693
- 63 *Metarhizium anisopliae* sensu lato 4819
- 7 *Ascospaera major* 694
- 8 *Ascospaera proliperda* 695
- 9 *Ascospaera proliperda* 696
- APH3 *Beauveria bassiana* 4523
- APH6 *Beauveria bassiana* 4524
- DBM10b *Beauveria bassiana* 4539
- DBM11C *Metarhizium anisopliae* sensu lato 4522
- DBM1b *Beauveria bassiana* 4525
- DBM1b *Beauveria bassiana* 4526
- DBM2a *Beauveria bassiana* 4527
- DBM2b *Beauveria bassiana* 4528
- DBM3a *Beauveria bassiana* 4529
- DBM3b *Beauveria bassiana* 4530
- DBM4a *Beauveria bassiana* 4531
- DBM4b *Beauveria bassiana* 4532
- DBM5a *Beauveria bassiana* 4533
- DBM5b *Beauveria bassiana* 4534
- DBM6a *Beauveria bassiana* 4535
- DBM6b *Beauveria bassiana* 4536
- DBM8a *Beauveria bassiana* 4537
- DBM8b *Beauveria bassiana* 4538
- DnBb1a3p *Beauveria bassiana* 4113
- DnBb1b3p *Beauveria bassiana* 4114
- DnBb1c3p *Beauveria bassiana* 4115
- DnBb1d3p *Beauveria bassiana* 4116
- DnBb1e3p *Beauveria bassiana* 4117
- DnBb1f3p *Beauveria bassiana* 4118
- DnBb1g4p *Beauveria bassiana* 4120
- DnBb1j4p *Beauveria bassiana* 4121
- DnBb2b2p *Beauveria bassiana* 4110
- DnBb2d2p *Beauveria bassiana* 4109
- DnBb2e2p *Beauveria bassiana* 4111
- DnBb2f2p *Beauveria bassiana* 4112
- DnBb2g2p *Beauveria bassiana* 4108
- DnBb2h2p *Beauveria bassiana* 4107
- DnBb2i3p *Beauveria bassiana* 4106
- JP1 *Metarhizium anisopliae* sensu lato 4822

### Vänninen, Irene

- SF85-2 *Beauveria pseudobassiana* 5622
- SF85-56 *Metarhizium brunneum* 5625
- SF85-60 *Metarhizium anisopliae* sensu lato 5624
- SF86-38 *Metarhizium brunneum* 5626
- SF86-82 *Isaria fumosorosea* 5627
- SF86-9 *Beauveria bassiana* 5623

### Vega, Fernando E.

- CBB-2 *Acremonium alternatum* 7282
- CSL26 *Fusarium* sp. 7283
- EBCL 97054 *Isaria fumosorosea* 6730
- EBCL 97095 *Metarhizium robertsii* 5873
- EBCL 98001 *Isaria fumosorosea* 5874
- EBCL 98004 *Fusarium* sp. 5875
- EBCL 98005 *Purpureocillium lilacinum* 5876
- EBCL 98008 *Purpureocillium lilacinum* 5877
- EBCL 98011 *Fusarium* sp. 5878
- EBCL 98012 *Fusarium* sp. 5879

EBCL 98015 *Purpureocillium lilacinum*  
5880  
EBCL 98021 *Fusarium* sp. 5881  
EBCL 98022 *Purpureocillium lilacinum*  
5882  
EBCL 98024 *Isaria farinosa* 5883  
EBCL 98025 *Isaria farinosa* 5884  
EBCL 98026 *Isaria farinosa* 5885  
EBCL 98026 *Isaria farinosa* 6200  
EBCL 98027 *Beauveria bassiana* 6201  
EBCL 98028 *Isaria farinosa* 6202  
EBCL 98029 *Beauveria bassiana* 5886  
EBCL 98031 *Beauveria bassiana* 5887  
EBCL 98032 *Beauveria bassiana* 5888  
EBCL 98039 *Isaria fumosorosea* 6203  
EBCL 98040 *Isaria fumosorosea* 6204  
EBCL 98041 *Beauveria bassiana* 6205  
EBCL 98042 *Isaria fumosorosea* 6206  
EBCL 98052 *Isaria farinosa* 6207  
EBCL 98053 *Beauveria bassiana* 6208  
EBCL 98054 *Beauveria bassiana* 6209  
EBCL 99004 *Beauveria pseudobassiana*  
6181  
EBCL 99013 *Beauveria bassiana* 6182  
EBCL 99017 *Purpureocillium lilacinum*  
6183  
EBCL 99018 *Beauveria bassiana* 6184  
EBCL 99020 *Beauveria pseudobassiana*  
6185  
EBCL 99021 *Beauveria bassiana* 6186  
EBCL 99022 *Beauveria bassiana* 6187  
EBCL 99024 *Purpureocillium lilacinum*  
6188  
EBCL 99025 *Beauveria bassiana* 6189  
EBCL 99027 *Purpureocillium lilacinum*  
6190  
EBCL 99028 *Beauveria bassiana* 6191  
EBCL 99029 *Isaria fumosorosea* 6192  
EBCL 99030 *Paecilomyces* sp. 6193  
EBCL 99032 *Beauveria bassiana* 6194  
EBCL 99033 *Beauveria bassiana* 6195  
EBCL 99034 *Beauveria bassiana* 6196  
EBCL 99036 *Purpureocillium lilacinum*  
6197  
EBCL 99037 *Paecilomyces* sp. 6198  
EBCL 99038 *Beauveria bassiana* 6199  
EBCL 99046 *Beauveria bassiana* 6526  
EBCL 99048 *Beauveria bassiana* 6527  
EBCL 99055 *Beauveria bassiana* 6528  
EBCL 99057 *Beauveria bassiana* 6529  
EBCL 99059 *Beauveria bassiana* 6530  
EBCL 99070 *Beauveria bassiana* 6531  
EBCL 99071 *Beauveria bassiana* 6532  
EBCL 99076 *Beauveria* sp. 6533  
EBCL 99077 *Beauveria* sp. 6534  
EBCL 99080 *Beauveria* sp. 6535  
EBCL 99085 *Beauveria* sp. 6536  
EBCL 99088 *Beauveria* sp. 6537  
MPM-5 *Isaria fumosorosea* 7284

Velvis, H.  
EP 26 *Harposporium cerberi* 5123

- Viaeene, Nicole**  
1 *Harposporium anguillulae* 4954  
10 *Monacrosporium ellipsosporum* 4959  
11 *Lecanicillium psalliotae* 4960  
17 *Fusarium* sp. 4962  
20 *Fusarium oxysporum* 4963  
24 *Fusarium oxysporum* 4964  
27 *Lecanicillium psalliotae* 4965  
3 *Drechslerella dactyloides* 4955  
39 *Monacrosporium cionopagum* 4966  
41 *Arthrobotrys oligospora* 4967  
5 *Fusarium* sp. 4956  
8 *Monacrosporium ellipsosporum* 4957
- Vincent, Michael A.**  
2609 *Engyodontium aranearium* 2929  
3201 *Engyodontium aranearium* 2935
- VIZR**  
47 *Conidiobolus obscurus* 9536
- VKM**  
F-2771 (=MF-251) *Calcarisporium arbuscula* 6155
- Walsh, Scott**  
3762T23 *Entomophaga maimaiga* 3880  
3762T5 *Beauveria bassiana* 3825  
Hr 56 *Entomophaga maimaiga* 3887
- Watson, D. Wesley**  
B 90 *Beauveria bassiana* 5342  
D 90 *Beauveria bassiana* 5343  
H 90 *Beauveria bassiana* 5344  
L 89 *Beauveria bassiana* 5340  
L 90 *Beauveria bassiana* 5345  
P 89 *Beauveria bassiana* 3111  
P 89 *Beauveria bassiana* 5339  
Pow 90 *Beauveria bassiana* 5346  
W 89 *Beauveria bassiana* 5341  
W 90 *Beauveria bassiana* 5347
- Weiser, Jaroslav**  
R5 *Tolyphocladium geodes* 2684
- Welton, Mary**  
FPMI 992 *Entomophaga maimaiga* 3913
- Wen, Ting-chi**  
(4-2) *Cordyceps pruinosa* 11723  
09QL *Isaria cicadae* 11726  
09XS-2 *Simplicillium lamellicola*(?)  
11725  
09XS-3 *Isaria farinosa* 11721  
BB-1 *Beauveria bassiana* 11713  
BB-10 *Mixed Culture* sp. 11718  
BB-4 *Beauveria* sp. 11714  
BB-6 *Beauveria* sp. 11709  
BB-7 *Beauveria bassiana* 11715  
BB-8 *Beauveria bassiana* 11716  
BB-9 *Beauveria bassiana* 11717  
CC113 *Isaria catenulata* 11722  
CP *Cordyceps pruinosa* 11724  
FD-11 *Beauveria bassiana* 11720  
FD-3 *Isaria tenuipes* 11705  
FD-4 *Isaria tenuipes* 11706  
FD-5 *Beauveria bassiana* 11719  
KM-1 *Cordyceps militaris* 11704  
LG-11-15 *Cordyceps militaris* 11703
- LG-11-2** *Isaria tenuipes* 11707  
**LG-11-26** *Isaria farinosa* 11710  
**LG-11-27** *Beauveria bassiana* 11711  
**LG-11-35** *Beauveria bassiana* 11712  
**LG-11-7** *Beauveria bassiana* 11708
- Wheeler, Mike**  
Yugo Mix Plate#1 *Zoophthora radicans*  
3213  
Yugo Mix Plate#2 *Zoophthora radicans*  
3214
- White, Merlin M.**  
NF-7-W3a *Batkoia papillata*(?) 7068
- Whitney, H. Stuart**  
CPB-1 *Beauveria bassiana* 2030  
CPB-2 *Beauveria bassiana* 2031  
CPB-3 *Beauveria bassiana* 2032  
LBB-multi *Beauveria bassiana* 2033  
LBB-multi 2 *Beauveria bassiana* 2034  
R599 *Evlachovaea* sp. 1017  
R629 *Beauveria bassiana* 1848  
R630 *Beauveria bassiana* 1849  
R631 *Isaria farinosa* 1851  
R633 *Beauveria bassiana* 1850  
R634 *Beauveria bassiana* 1852  
R636 *Beauveria bassiana* 1853  
R637 *Beauveria bassiana* 1854  
R640 *Beauveria pseudobassiana* 1855
- Widden, Paul**  
LP-177 *Tolyphocladium inflatum* 3396  
LP-235 *Tolyphocladium tundrense* 3401  
M-105 *Tolyphocladium inflatum* 3432  
M-106 *Tolyphocladium tundrense* 3399  
M-107 *Tolyphocladium tundrense* 3400
- Wilding, Neil**  
1 *Conidiobolus thrombooides* 101  
1 *Pandora dipterigena* 131  
1 *Conidiobolus thrombooides* 1733  
10 *Batkoia apiculata* 129  
2 *Conidiobolus thrombooides* 102  
2 *Conidiobolus thrombooides* 363  
2 *Conidiobolus thrombooides* 1734  
27 *Zoophthora phalloides* 352  
3 *Conidiobolus thrombooides* 42  
32 *Conidiobolus coronatus* 1738  
4 *Conidiobolus coronatus* 1736  
5 *Conidiobolus coronatus* 1737  
6 *Conidiobolus obscurus* 97  
8 *Conidiobolus thrombooides* 99  
8 *Conidiobolus thrombooides* 1735  
80 *Erynia sciarae* 1870  
85 *Zoophthora anglica* 1739  
9 *Conidiobolus thrombooides* 100  
90 *Conidiobolus obscurus* 1741
- Williams, Jennifer E.**  
1 *Drechmeria coniospora* 6962  
2 *Drechmeria coniospora* 6963

## Alternate Collections

### Wilson, Christopher G.

- db1 *Rotiferophthora ovispora* 10274
- db2 *Harposporium spirosporum* 8821
- ei10 *Rotiferophthora angustispora* 8991
- ei16 *Rotiferophthora globospora* 8995
- io10 *Rotiferophthora* sp. 9543
- io19 *Rotiferophthora angustispora* 9386
- io21 *Rotiferophthora tagenophora* 9387
- io3 *Rotiferophthora* sp. 9542
- io4 *Harposporium coeleatum* 9382
- io5 *Pseudomeria mucosa* 9383
- io9 *Rotiferophthora angustispora* 9385
- iy10 *Rotiferophthora cylindrospora* 9547
- iy21 *Rotiferophthora denticulospora* 9549
- iy23 *Rotiferophthora barronii* 10267
- iy24 *Rotiferophthora cylindrospora* 9548
- iy7 *Pseudomeria mucosa* 9384
- jp1 *Rotiferophthora* sp. 9544
- jp8 *Rotiferophthora* sp. 9545
- kara2 *Rotiferophthora* sp. 9546
- Lh8 *Triacutus subcuticularis* 10260
- Lt39 *Rotiferophthora cylindrospora* 10273
- mf3 *Pseudomeria mucosa* 10272
- mg16 *Rotiferophthora* sp. 10264
- mg2 *Rotiferophthora* sp. 10263
- mg38 *Harposporium spirosporum* 10271
- mg4 *Pochonia* sp. 10261
- mg40 *Harposporium botuliforme* 10275
- mm28 *Rotiferophthora* sp. 10265
- na13 *Rotiferophthora* sp. 10266
- ned1 *Rotiferophthora brevipes* 8994
- nr12 *Rotiferophthora guttulaspora* 10269
- ns4 *Pseudomeria mucosa* 10262
- std1a *Pseudomeria mucosa* 8993
- std1b *Rotiferophthora cylindrospora* 8992
- wet17 *Rotiferophthora intermedia* 10270

### Wojciechowska, M.

- 1092 *Beauveria pseudobassiana* 156
- 1110 *Beauveria pseudobassiana* 157
- 17 *Beauveria bassiana* 151
- 2-72 *Beauveria bassiana* 153
- 24 *Beauveria bassiana* 150
- 28 *Beauveria bassiana* 149
- 310-76 *Beauveria pseudobassiana* 152
- 51-75 *Beauveria bassiana* 154
- 70 *Beauveria bassiana* 159
- 72 *Beauveria bassiana* 160
- 75-67 *Beauveria bassiana* 155
- N-2 *Beauveria bassiana* 158

### Wozniak, Chris A.

- FHi1A11-295 *Syngliocladium tetanopsis* 5577
- FSt1A8-2294 *Syngliocladium tetanopsis* 5497

### Wraight, Stephen P.

- Paecilomyces* sp. 3787
- Paecilomyces* sp. 3788
- 11 *Isaria fumosorosea* 3581
- 12 *Isaria farinosa* 3582
- 13 *Isaria farinosa* 3583
- 14 *Isaria farinosa* 3584
- 16 *Isaria farinosa* 3585
- 17 *Isaria farinosa* 3586
- 18 *Isaria farinosa* 3587
- 19 *Isaria farinosa* 3588
- 20 *Isaria farinosa* 3589
- 252 Bt-2; SPW-43 *Beauveria bassiana* 5276
- 252-Bt-1 *Beauveria bassiana* 5278
- 252-Bt-1 *Beauveria bassiana* 5283
- 252-Bt-1; SPW-42 *Beauveria bassiana* 5275
- 252-BT-2 *Beauveria bassiana* 5284
- 252-Bt-3 *Beauveria bassiana* 5279
- 252-Bt-3; SPW-44 *Beauveria bassiana* 5277
- 252-BT-4 *Beauveria bassiana* 5280
- 252-Bt-5 *Beauveria bassiana* 5281
- 252-Bt-6 *Beauveria bassiana* 5282
- 252-Bt-x3 *Beauveria bassiana* 5285
- 3572-Bt-1 *Isaria fumosorosea* 5327
- 3572-Bt-10 *Isaria fumosorosea* 5317
- 3572-Bt-11 *Isaria fumosorosea* 5318
- 3572-Bt-12 *Isaria fumosorosea* 5319
- 3572-Bt-2 *Isaria fumosorosea* 5328
- 3572-Bt-9 *Isaria fumosorosea* 5316
- 3572-Btx3 *Isaria fumosorosea* 5329
- A-10 *Zoophthora radicans* 1584
- A-12 *Zoophthora radicans* 1585
- A-13 *Zoophthora radicans* 1586
- A-16 *Zoophthora radicans* 1587
- A-17 *Zoophthora radicans* 1588
- A-19 *Zoophthora radicans* 1589
- A-21 *Zoophthora radicans* 1590
- A-22 *Zoophthora radicans* 1492
- A-24 *Zoophthora radicans* 1493
- A-26 *Zoophthora radicans* 1494
- A-30 *Zoophthora radicans* 1591
- A-31 *Zoophthora radicans* 1495
- A-33 *Zoophthora radicans* 1496
- A-37 *Zoophthora radicans* 1497
- A-40 *Zoophthora radicans* 1593
- A-41 *Zoophthora radicans* 1498
- A-42 *Zoophthora radicans* 1499
- A-43 *Zoophthora radicans* 1594
- A-44 *Zoophthora radicans* 1500
- A-5 *Zoophthora radicans* 1582
- A-50 *Zoophthora radicans* 1501
- A-6 *Zoophthora radicans* 1581
- A-7 *Zoophthora radicans* 1583
- A-9 *Zoophthora radicans* 1544
- A-9 *Zoophthora radicans* 1595
- A1a *Zoophthora radicans* 1928
- B-33 *Zoophthora radicans* 1503
- B-37 *Zoophthora radicans* 1502
- B-40 *Zoophthora radicans* 1504
- B-48 *Zoophthora radicans* 1541
- B-51 *Zoophthora radicans* 1542
- B1 *Zoophthora radicans* 1929
- C-1 Topo SP-2 *Zoophthora radicans* 2995
- C-1 Topo SP-3 *Zoophthora radicans* 2994
- C-2 Test SP-5 *Zoophthora radicans* 2996
- DBM 28° #2 5P *Beauveria bassiana* 6150
- DBM 28° #3 5P *Beauveria bassiana* 6151
- DBM 31° #1 5P *Beauveria bassiana* 6152
- DBM 31° #2 5P *Beauveria bassiana* 6153
- EC-1 *Isaria fumosorosea* 5253
- EC-2 *Isaria fumosorosea* 5254
- EC-3 *Isaria fumosorosea* 5255
- EC-4 *Isaria fumosorosea* 5256
- EC-5 *Isaria fumosorosea* 5257
- EC-6 *Isaria fumosorosea* 5258
- Ef-1 *Zoophthora radicans* 899
- Ef1590 *Zoophthora radicans* 3217
- Ef239t2 *Zoophthora radicans* 1841
- ErI11T3 *Zoophthora radicans* 1543
- F *Zoophthora radicans* 1934
- F92-2 *Isaria javanica* 3778
- F92-5 *Paecilomyces* sp. 3772
- J1 *Zoophthora radicans* 1935
- K2 *Zoophthora radicans* 1932
- L2 *Zoophthora radicans* 1930
- LACEY 921155-Bt1 *Isaria fumosorosea* 5299
- Lacey 92118-Bt1 *Isaria fumosorosea* 5305
- Lacey 92133-Bt1 *Isaria fumosorosea* 5300
- Lacey 92135-Bt1 *Isaria fumosorosea* 5304
- Lacey 92221-Bt1 *Beauveria bassiana* 5274
- Lacey Ma21-Bt1 *Isaria fumosorosea* 5303
- LEP-1 *Isaria fumosorosea* 5251
- LEP-2 *Isaria fumosorosea* 5252
- M2 *Zoophthora radicans* 1931
- N1 *Zoophthora radicans* 1933
- Q1 *Pandora delphacis* 1936
- SARL 33 *Beauveria bassiana* 5273
- SPW-1 *Paecilomyces* sp. 3784
- SPW-10 *Paecilomyces* sp. 3786
- SPW-11 *Isaria javanica* 3776
- SPW-12 *Paecilomyces* sp. 3777
- SPW-13 Unidentified sp. 3773
- SPW-14 Unidentified sp. 3779
- SPW-15 *Isaria javanica* 5259
- SPW-16 *Isaria fumosorosea* 5260
- SPW-17 *Isaria fumosorosea* 5261
- SPW-18 *Isaria fumosorosea* 5262
- SPW-19 *Isaria fumosorosea* 5263
- SPW-20 *Isaria fumosorosea* 5264
- SPW-21 *Isaria fumosorosea* 5265
- SPW-22 *Isaria fumosorosea* 5266
- SPW-23 *Isaria fumosorosea* 5267
- SPW-24 *Isaria fumosorosea* 5268
- SPW-29 *Isaria fumosorosea* 5269
- SPW-30 *Isaria fumosorosea* 5270
- SPW-31 *Isaria fumosorosea* 5271
- SPW-32 *Isaria farinosa* 5306
- SPW-34 *Isaria fumosorosea* 5308
- SPW-35 *Isaria fumosorosea* 5309

SPW-36 *Isaria fumosorosea* 5310  
SPW-37 *Isaria fumosorosea* 5311  
SPW-38 *Isaria fumosorosea* 5312  
SPW-39 *Isaria fumosorosea* 5313  
SPW-40 *Isaria fumosorosea* 5314  
SPW-41 *Isaria fumosorosea* 5315  
SPW-5 *Paecilomyces* sp. 3774  
SPW-5 *Paecilomyces* sp. 3785  
SPW-50 *Isaria fumosorosea* 5320  
SPW-51 *Isaria javanica* 5321  
SPW-52 *Isaria fumosorosea* 5322  
SPW-53 *Isaria fumosorosea* 5323  
SPW-54 *Isaria fumosorosea* 5324  
SPW-55 *Isaria fumosorosea* 5325  
SPW-56 *Isaria fumosorosea* 5326  
SPW-6 *Paecilomyces* sp. 3775  
SPW-7 *Paecilomyces* sp. 3780  
SPW-8 *Paecilomyces* sp. 3781  
SPW-9 *Paecilomyces* sp. 3782  
SPW-9 *Paecilomyces* sp. 3783  
T-7 *Zoophthora radicans* 2600  
T-8 *Zoophthora radicans* 2601  
W3 *Zoophthora radicans* 1937

**Wraight, Steve**

Lacey 92119-Bt1 *Isaria fumosorosea*  
5301  
Lacey Ma19-Bt1 *Isaria fumosorosea*  
5302

**Wright, Maureen S.**

C 4B *Metarhizium anisopliae* sensu lato  
8015

**Yip, H.**

HT109 *Beauveria pseudobassiana* 4261  
HY027 *Metarhizium anisopliae* sensu lato  
4192  
HY10 *Penicillium* sp. 4666  
HY100 *Metarhizium anisopliae* sensu lato  
4624  
HY102 *Metarhizium anisopliae* sensu lato  
4684  
HY103 *Metarhizium anisopliae* sensu lato  
4731  
HY104 *Metarhizium flavoviride* var.  
*flavoviride* 4730  
HY105 *Metarhizium anisopliae* sensu lato  
4619  
HY106 *Metarhizium anisopliae* sensu lato  
4191  
HY108 *Metarhizium anisopliae* sensu lato  
4189  
HY11 *Beauveria pseudobassiana* 4745  
HY111 *Mixed Culture* sp. 4260  
HY112 *Metarhizium anisopliae* sensu lato  
4188  
HY113 *Metarhizium anisopliae* sensu lato  
4187  
HY114 *Metarhizium flavoviride* 4221  
HY115 *Metarhizium anisopliae* sensu lato  
4186  
HY116 *Metarhizium anisopliae* sensu lato  
4185  
HY117 *Metarhizium anisopliae* sensu lato  
4267  
HY118 *Beauveria pseudobassiana* 4356

HY119 *Metarhizium anisopliae* sensu lato 4665  
HY121 *Metarhizium anisopliae* sensu lato 4651  
HY122 *Metarhizium anisopliae* sensu lato 4602  
HY123 *Metarhizium flavoviride* var.  
*flavoviride* 4729  
HY124 *Metarhizium anisopliae* sensu lato 4683  
HY125 *Metarhizium anisopliae* sensu lato 4262  
HY126 *Metarhizium anisopliae* sensu lato 4581  
HY127 *Metarhizium frigidum* 4277  
HY128 *Metarhizium anisopliae* sensu lato 4635  
HY129 *Beauveria pseudobassiana* 4271  
HY13 *Beauveria bassiana* 4744  
HY130 *Metarhizium anisopliae* sensu lato 4599  
HY131 *Metarhizium anisopliae* sensu lato 4275  
HY132 *Metarhizium anisopliae* sensu lato 4282  
HY133 *Metarhizium anisopliae* sensu lato 4184  
HY134 *Metarhizium anisopliae* sensu lato 4183  
HY136 *Penicillium* sp. 4182  
HY137 *Beauveria pseudobassiana* 4222  
HY139 *Metarhizium anisopliae* sensu lato 4643  
HY140 *Metarhizium anisopliae* sensu lato 4226  
HY141 *Metarhizium anisopliae* sensu lato 4661  
HY142 *Beauveria pseudobassiana* 4670  
HY143 *Metarhizium anisopliae* sensu lato 4279  
HY144 *Metarhizium anisopliae* sensu lato 4250  
HY145 *Metarhizium anisopliae* sensu lato 4265  
HY146 *Metarhizium anisopliae* sensu lato 4181  
HY147 *Metarhizium anisopliae* sensu lato 4235  
HY148 *Metarhizium brunneum* 4251  
HY149 *Metarhizium anisopliae* sensu lato 4230  
HY15 *Metarhizium anisopliae* sensu lato 4743  
HY150 *Sterile mycelium* 4237  
HY151 *Metarhizium flavoviride* 4272  
HY152 *Metarhizium anisopliae* sensu lato 4180  
HY153 *Metarhizium brunneum* 4179  
HY154 *Metarhizium anisopliae* sensu lato 4178  
HY155 *Metarhizium anisopliae* sensu lato 4177  
HY156 *Metarhizium anisopliae* sensu lato 4175  
HY157 *Metarhizium anisopliae* sensu lato 4176

HY158 *Metarhizium anisopliae* sensu lato 4174  
HY159 *Metarhizium anisopliae* sensu lato 4173  
HY160 *Metarhizium anisopliae* sensu lato 4172  
HY161 *Metarhizium anisopliae* sensu lato 4171  
HY162 *Beauveria pseudobassiana* 4285  
HY162 *Metarhizium anisopliae* sensu lato 4725  
HY163 *Metarhizium anisopliae* sensu lato 4170  
HY164 *Metarhizium anisopliae* sensu lato 4169  
HY165 *Metarhizium anisopliae* sensu lato 4168  
HY166 *Metarhizium anisopliae* sensu lato 4167  
HY167 *Metarhizium anisopliae* sensu lato 4166  
HY168 *Metarhizium* sp. 4165  
HY168 *Metarhizium flavoviride* var.  
*flavoviride* 4727  
HY169 *Metarhizium brunneum* 4164  
HY171 *Metarhizium anisopliae* sensu lato 4163  
HY173 *Metarhizium anisopliae* sensu lato 4162  
HY174 *Metarhizium anisopliae* sensu lato 4244  
HY175 *Metarhizium anisopliae* sensu lato 4287  
HY176 *Metarhizium anisopliae* sensu lato 4225  
HY177 *Mixed Culture* sp. 4245  
HY178 *Metarhizium anisopliae* sensu lato 4248  
HY179 *Metarhizium anisopliae* sensu lato 4247  
HY18 *Metarhizium anisopliae* sensu lato 4645  
HY180 *Metarhizium anisopliae* sensu lato 4726  
HY181 *Metarhizium anisopliae* sensu lato 4224  
HY182 *Metarhizium anisopliae* sensu lato 4229  
HY183 *Metarhizium anisopliae* sensu lato 4259  
HY184 *Metarhizium anisopliae* sensu lato 4220  
HY185 *Metarhizium frigidum* 4680  
HY186 *Metarhizium frigidum* 4219  
HY187 *Metarhizium anisopliae* sensu lato 4269  
HY189 *Metarhizium anisopliae* sensu lato 4270  
HY19 *Metarhizium anisopliae* sensu lato 4634  
HY190 *Metarhizium anisopliae* sensu lato 4161  
HY191 *Metarhizium anisopliae* sensu lato 4160  
HY192 *Metarhizium anisopliae* sensu lato 4159

- HY194 *Metarhizium anisopliae* sensu lato 4286  
 HY195 *Metarhizium brunneum* 4158  
 HY196 *Metarhizium anisopliae* sensu lato 4296  
 HY197 *Metarhizium anisopliae* sensu lato 4629  
 HY198 *Metarhizium anisopliae* sensu lato 4157  
 HY20 *Metarhizium anisopliae* sensu lato 4606  
 HY200 *Metarhizium anisopliae* sensu lato 4724  
 HY201 *Metarhizium anisopliae* sensu lato 4298  
 HY202 *Metarhizium anisopliae* sensu lato 4723  
 HY203 *Metarhizium anisopliae* sensu lato 4636  
 HY204 *Metarhizium anisopliae* sensu lato 4355  
 HY205 *Metarhizium anisopliae* sensu lato 4156  
 HY206 *Metarhizium anisopliae* sensu lato 4281  
 HY207 *Metarhizium anisopliae* sensu lato 4190  
 HY207 *Metarhizium anisopliae* sensu lato 4280  
 HY208 *Metarhizium anisopliae* sensu lato 4155  
 HY209 *Metarhizium robertsii* 4628  
 HY21 *Metarhizium anisopliae* sensu lato 4594  
 HY210 *Metarhizium lepidiotae* 4154  
 HY213 *Metarhizium guizhouense* 4153  
 HY214 *Metarhizium brunneum* 4152  
 HY215 *Metarhizium anisopliae* sensu lato 4151  
 HY216 *Metarhizium anisopliae* sensu lato 4354  
 HY217 *Metarhizium anisopliae* sensu lato 4309  
 HY218 *Metarhizium anisopliae* sensu lato 4754  
 HY219 *Metarhizium anisopliae* sensu lato 4753  
 HY22 *Metarhizium anisopliae* sensu lato 4264  
 HY220 *Metarhizium anisopliae* sensu lato 4573  
 HY222 *Metarhizium anisopliae* sensu lato 4603  
 HY224 *Metarhizium anisopliae* sensu lato 4578  
 HY225 *Metarhizium anisopliae* sensu lato 4655  
 HY226 *Metarhizium anisopliae* sensu lato 4752  
 HY227 *Beauveria malawiensis* 4755  
 HY228 *Metarhizium anisopliae* sensu lato 4674  
 HY229 *Metarhizium brunneum* 4615  
 HY23 *Beauveria pseudobassiana* 4571  
 HY231 *Metarhizium anisopliae* sensu lato 4613
- HY232 *Metarhizium anisopliae* sensu lato 4669  
 HY233 *Metarhizium anisopliae* sensu lato 4563  
 HY234 *Metarhizium anisopliae* sensu lato 4757  
 HY235 *Metarhizium guizhouense* 4321  
 HY237 *Metarhizium anisopliae* sensu lato 4758  
 HY238 *Metarhizium anisopliae* sensu lato 4668  
 HY239 *Metarhizium anisopliae* sensu lato 4292  
 HY24 *Beauveria pseudobassiana* 4353  
 HY240 *Metarhizium anisopliae* sensu lato 4596  
 HY241 *Metarhizium anisopliae* sensu lato 4351  
 HY242 *Metarhizium anisopliae* sensu lato 4350  
 HY244 *Metarhizium anisopliae* sensu lato 4352  
 HY245 *Metarhizium frigidum* 4561  
 HY246 *Metarhizium anisopliae* sensu lato 4291  
 HY248 *Metarhizium anisopliae* sensu lato 4759  
 HY249 *Metarhizium anisopliae* sensu lato 4664  
 HY25 *Beauveria pseudobassiana* 4320  
 HY250 *Metarhizium anisopliae* sensu lato 4676  
 HY251 *Metarhizium anisopliae* sensu lato 4584  
 HY252 *Metarhizium anisopliae* sensu lato 4640  
 HY253 *Metarhizium flavoviride* 4304  
 HY254 *Metarhizium anisopliae* sensu lato 4626  
 HY255 *Metarhizium anisopliae* sensu lato 4687  
 HY256 *Metarhizium anisopliae* sensu lato 4663  
 HY257 *Metarhizium anisopliae* sensu lato 4322  
 HY258 *Metarhizium anisopliae* sensu lato 4585  
 HY259 *Metarhizium anisopliae* sensu lato 4576  
 HY26 *Beauveria caledonica* 4302  
 HY26 *Paecilomyces* sp. 4742  
 HY260 *Metarhizium anisopliae* sensu lato 4760  
 HY261 *Metarhizium anisopliae* sensu lato 4673  
 HY262 *Metarhizium anisopliae* sensu lato 4618  
 HY263 *Metarhizium anisopliae* sensu lato 4654  
 HY264 *Metarhizium anisopliae* sensu lato 4761  
 HY265 *Metarhizium anisopliae* sensu lato 4762  
 HY266 *Metarhizium anisopliae* sensu lato 4763
- HY268 *Metarhizium anisopliae* sensu lato 4560  
 HY269 *Metarhizium anisopliae* sensu lato 4764  
 HY271 *Metarhizium anisopliae* sensu lato 4682  
 HY272 *Metarhizium frigidum* 4765  
 HY273 *Metarhizium anisopliae* sensu lato 4766  
 HY274 *Metarhizium anisopliae* sensu lato 4590  
 HY275 *Metarhizium anisopliae* sensu lato 4577  
 HY278 *Metarhizium anisopliae* sensu lato 4357  
 HY279 *Metarhizium anisopliae* sensu lato 4671  
 HY28 *Beauveria pseudobassiana* 4741  
 HY280 *Metarhizium anisopliae* sensu lato 4295  
 HY282 *Metarhizium anisopliae* sensu lato 4648  
 HY29 *Beauveria pseudobassiana* 4644  
 HY30 *Beauveria pseudobassiana* 4301  
 HY31 *Beauveria bassiana* 4305  
 HY33 *Metarhizium anisopliae* sensu lato 4293  
 HY34 *Metarhizium anisopliae* sensu lato 4311  
 HY35 *Metarhizium anisopliae* sensu lato 4314  
 HY36 *Metarhizium anisopliae* sensu lato 4347  
 HY37 *Metarhizium anisopliae* sensu lato 4312  
 HY38 *Metarhizium anisopliae* sensu lato 4308  
 HY39 *Metarhizium anisopliae* sensu lato 4310  
 HY4 *Phialophora* sp. 4751  
 HY40 *Metarhizium anisopliae* sensu lato 4316  
 HY41 *Metarhizium anisopliae* sensu lato 4318  
 HY42 *Metarhizium anisopliae* sensu lato 4317  
 HY43 *Metarhizium anisopliae* sensu lato 4319  
 HY44 *Metarhizium anisopliae* sensu lato 4313  
 HY45 *Metarhizium anisopliae* sensu lato 4315  
 HY46 *Metarhizium anisopliae* sensu lato 4632  
 HY48 *Metarhizium anisopliae* sensu lato 4586  
 HY5 *Sterile mycelium* 4750  
 HY50 *Beauveria pseudobassiana* 4240  
 HY51 *Beauveria australis* 4598  
 HY52 *Beauveria pseudobassiana* 4564  
 HY53 *Metarhizium anisopliae* sensu lato 4284  
 HY54 *Beauveria pseudobassiana* 4583  
 HY56 *Metarhizium anisopliae* sensu lato 4641

- HY57 *Metarhizium anisopliae* sensu lato  
4740  
HY58 *Metarhizium anisopliae* sensu lato  
4631  
HY59 *Metarhizium anisopliae* sensu lato  
4591  
HY6 *Metarhizium anisopliae* sensu lato  
4749  
HY61 *Metarhizium robertsii* 4739  
HY62 *Metarhizium anisopliae* sensu lato  
4738  
HY63 *Metarhizium anisopliae* sensu lato  
4595  
HY65 *Metarhizium anisopliae* sensu lato  
4638  
HY66 *Metarhizium anisopliae* sensu lato  
4737  
HY67 *Metarhizium anisopliae* sensu lato  
4307  
HY68 *Metarhizium anisopliae* sensu lato  
4617  
HY69 *Metarhizium anisopliae* sensu lato  
4327  
HY7 *Metarhizium anisopliae* sensu lato  
4748  
HY70 *Metarhizium anisopliae* sensu lato  
4349  
HY71 *Metarhizium anisopliae* sensu lato  
4332  
HY72 *Beauveria pseudobassiana* 4326  
HY73 *Metarhizium anisopliae* sensu lato  
4329  
HY74 *Metarhizium anisopliae* sensu lato  
4331  
HY75 *Metarhizium anisopliae* sensu lato  
4323  
HY76 *Metarhizium anisopliae* sensu lato  
4348  
HY77 *Metarhizium anisopliae* sensu lato  
4330  
HY78 *Metarhizium anisopliae* sensu lato  
4324  
HY79 *Metarhizium frigidum* 4294  
HY8 *Metarhizium anisopliae* sensu lato  
4747  
HY81 *Metarhizium anisopliae* sensu lato  
4325  
HY82 *Metarhizium guizhouense* 4303  
HY83 *Metarhizium anisopliae* sensu lato  
4736  
HY84 *Beauveria pseudobassiana* 4300  
HY85 *Metarhizium anisopliae* sensu lato  
4288  
HY86 *Metarhizium anisopliae* sensu lato  
4306  
HY87 *Metarhizium anisopliae* sensu lato  
4328  
HY88 *Metarhizium anisopliae* sensu lato  
4639  
HY89 *Metarhizium anisopliae* sensu lato  
4609  
HY9 *Metarhizium anisopliae* sensu lato  
4746  
HY90 *Metarhizium anisopliae* sensu lato  
4647  
HY91 *Metarhizium anisopliae* sensu lato  
4633  
HY92 *Metarhizium anisopliae* sensu lato  
4735  
HY93 *Metarhizium anisopliae* sensu lato  
4734  
HY94 *Metarhizium anisopliae* sensu lato  
4657  
HY95 *Metarhizium anisopliae* sensu lato  
4593  
HY95 *Metarhizium anisopliae* sensu lato  
4637  
HY96 *Metarhizium anisopliae* sensu lato  
4650  
HY97 *Metarhizium anisopliae* sensu lato  
4565  
HY97 *Metarhizium anisopliae* sensu lato  
4733  
HY99 *Metarhizium anisopliae* sensu lato  
4732

**Yoder Bros. Inc**

F2-28 *Isaria farinosa* 2954  
F2-4 BR *Isaria fumosorosea* 3322

**Zhioua, Elyes**

1S DCE *Verticillium* sp. 5713  
1S PCW *Verticillium lecanii* 5710  
AB *Penicillium* sp. 5733  
T73 *Beauveria bassiana*(?) 6892  
T81 *Isaria fumosorosea* 6893  
T82 *Beauveria bassiana* 6894  
Tick #1 Unidentified sp. 6895  
Tick #2 *Gliocladium*(?) sp. 6896  
Tick #3 *Beauveria bassiana* 6897  
Tick #4 *Aspergillus* sp. 6898  
Tick #4 Unidentified sp. 6899

**Zhou, Xiang**

ZAFU1004 *Pandora neoaphidis* 11662

**Zimmermann, Gisbert**

2 *Pandora blunckii* 217  
E 1622/01 *Evlachovaea* sp. 7403

**Zou, Xiao**

1 *Nomuraea atypicola* 9594  
10 *Hirsutella liboensis* 9603  
2 *Beauveria bassiana* 9595  
3 *Beauveria* sp. 9596  
5 *Beauveria bassiana* 9598  
6 *Beauveria brongniartii* 9599  
7 *Beauveria bassiana* 9600  
8 *Isaria catenulata* 9601  
9 *Isaria fumosorosea* 9602

1	<i>Beauveria bassiana</i>	124	<i>Conidiobolus obscurus</i>	215	<i>Batkoя gigantea</i>
2	<i>Conidiobolus thromboides</i>	126	<i>Zoophthora radicans</i>	217	<i>Pandora blunckii</i>
3	<i>Isaria farinosa</i>	128	<i>Pandora neoaphidis</i>	218	<i>Coelomycidium simulii</i>
5	<i>Conidiobolus thromboides</i>	129	<i>Batkoя apiculata</i>	219	<i>Erynia rhizospora</i>
13	<i>Zoophthora radicans</i>	131	<i>Pandora dipterigena</i>	220	<i>Beauveria bassiana</i>
15	<i>Conidiobolus thromboides</i>	133	<i>Conidiobolus obscurus</i>	221	<i>Zoophthora radicans</i>
20	<i>Isaria farinosa</i>	134	<i>Pandora delphacis</i>	223	<i>Zoophthora radicans</i>
21	<i>Zoophthora radicans</i>	135	<i>Nomuraea rileyi</i>	224	<i>Zoophthora radicans</i>
22	<i>Conidiobolus thromboides</i>	137	<i>Hirsutella thompsonii</i>	225	<i>Zoophthora radicans</i>
23	<i>Metarhizium robertsii</i>	138		226	<i>Zoophthora radicans</i>
29	<i>Conidiobolus thromboides</i>	139	<i>Zoophthora radicans</i>	227	<i>Zoophthora radicans</i>
30	<i>Hirsutella gigantea</i>	141	<i>Zoophthora radicans</i>	228	<i>Zoophthora radicans</i>
32	<i>Beauveria sp.</i>	142	<i>Zoophthora radicans</i>	229	<i>Zoophthora radicans</i>
38	<i>Isaria farinosa</i>	143	<i>Zoophthora radicans</i>	230	<i>Zoophthora radicans</i>
39	<i>Conidiobolus thromboides</i>	144	<i>Zoophthora radicans</i>	231	<i>Zoophthora radicans</i>
40	<i>Conidiobolus thromboides</i>	145	<i>Zoophthora radicans</i>	232	<i>Zoophthora radicans</i>
41	<i>Conidiobolus thromboides</i>	146	<i>Zoophthora radicans</i>	233	<i>Zoophthora radicans</i>
42	<i>Conidiobolus thromboides</i>	147	<i>Conidiobolus sp.</i>	234	<i>Zoophthora radicans</i>
44	<i>Zoophthora radicans</i>	148	<i>Conidiobolus sp.</i>	235	<i>Zoophthora radicans</i>
45	<i>Zoophthora radicans</i>	149	<i>Beauveria bassiana</i>	237	<i>Zoophthora radicans</i>
50	<i>Zoophthora radicans</i>	150	<i>Beauveria bassiana</i>	238	<i>Zoophthora radicans</i>
51	<i>Entomophaga aulicae</i>	151	<i>Beauveria bassiana</i>	239	<i>Zoophthora radicans</i>
52	<i>Zoophthora radicans</i>	152	<i>Beauveria pseudobassiana</i>	241	<i>Hirsutella thompsonii</i>
55	<i>Isaria farinosa</i>	153	<i>Beauveria bassiana</i>	242	<i>Conidiobolus thromboides</i>
57	<i>Conidiobolus thromboides</i>	154	<i>Beauveria bassiana</i>	243	<i>Conidiobolus obscurus</i>
58	<i>Conidiobolus thromboides</i>	155	<i>Beauveria bassiana</i>	244	<i>Conidiobolus thromboides</i>
59	<i>Conidiobolus thromboides</i>	156	<i>Beauveria pseudobassiana</i>	245	<i>Conidiobolus thromboides</i>
63	<i>Conidiobolus thromboides</i>	157	<i>Beauveria pseudobassiana</i>	246	<i>Conidiobolus thromboides</i>
64	<i>Conidiobolus thromboides</i>	158	<i>Beauveria bassiana</i>	247	<i>Conidiobolus thromboides</i>
67	<i>Batkoя apiculata</i>	159	<i>Beauveria bassiana</i>	248	<i>Conidiobolus thromboides</i>
68	<i>Zoophthora radicans</i>	160	<i>Beauveria bassiana</i>	249	<i>Conidiobolus thromboides</i>
70	<i>Conidiobolus thromboides</i>	161	<i>Zoophthora radicans</i>	250	<i>Conidiobolus thromboides</i>
72	<i>Zoophthora radicans</i>	162	<i>Zoophthora radicans</i>	251	<i>Entomophaga aulicae</i>
73	<i>Conidiobolus thromboides</i>	163	<i>Zoophthora radicans</i>	252	<i>Beauveria bassiana</i>
74	<i>Conidiobolus obscurus</i>	164	<i>Entomophaga aulicae</i>	253	<i>Hirsutella thompsonii</i>
75	<i>Zoophthora radicans</i>	165	<i>Entomophaga aulicae</i>	254	<i>Hirsutella thompsonii var. vinacea</i>
78	<i>Pandora neoaphidis</i>	166	<i>Entomophaga aulicae</i>	255	<i>Hirsutella thompsonii</i>
79	<i>Conidiobolus osmodes</i>	167	<i>Entomophaga aulicae</i>	256	<i>Hirsutella thompsonii</i>
80	<i>Conidiobolus sp.</i>	168	<i>Entomophaga aulicae</i>	257	<i>Hirsutella thompsonii</i>
81	<i>Conidiobolus sp.</i>	172	<i>Entomophaga aulicae</i>	258	<i>Hirsutella thompsonii</i>
83	<i>Conidiobolus thromboides</i>	174	<i>Batkoя apiculata</i>	259	<i>Hirsutella thompsonii</i>
84	<i>Conidiobolus thromboides</i>	177	<i>Hirsutella longicolla var. cornuta</i>	260	<i>Basidiobolus ranarum</i>
85	<i>Conidiobolus thromboides</i>	178	<i>Hirsutella longicolla var. cornuta</i>	261	<i>Basidiobolus haptosporus</i>
86	<i>Conidiobolus thromboides</i>	179	<i>Saprolegnia sp.</i>	262	<i>Basidiobolus haptosporus</i>
87	<i>Conidiobolus thromboides</i>	180	<i>Saprolegnia sp.</i>	263	<i>Basidiobolus haptosporus</i>
88	<i>Zoophthora radicans</i>	181	<i>Pandora neoaphidis</i>	264	<i>Basidiobolus haptosporus</i>
92	<i>Conidiobolus sp.</i>	182	<i>Conidiobolus obscurus</i>	265	<i>Basidiobolus microsporus</i>
93	<i>Conidiobolus sp.</i>	183	<i>Zoophthora radicans</i>	267	<i>Basidiobolus microsporus</i>
94	<i>Conidiobolus sp.</i>	184	<i>Zoophthora radicans</i>	268	<i>Basidiobolus microsporus</i>
97	<i>Conidiobolus obscurus</i>	185	<i>Zoophthora radicans</i>	269	<i>Basidiobolus microsporus</i>
99	<i>Conidiobolus thromboides</i>	186	<i>Zoophthora radicans</i>	270	<i>Basidiobolus sp.</i>
100	<i>Conidiobolus thromboides</i>	187	<i>Zoophthora radicans</i>	271	<i>Basidiobolus sp.</i>
101	<i>Conidiobolus thromboides</i>	188	<i>Zoophthora radicans</i>	272	<i>Basidiobolus haptosporus</i>
102	<i>Conidiobolus thromboides</i>	189	<i>Zoophthora radicans</i>	273	<i>Basidiobolus sp.</i>
103	<i>Zoophthora radicans</i>	191	<i>Zoophthora phytonomi</i>	274	<i>Conidiobolus coronatus</i>
104	<i>Zoophthora radicans</i>	192	<i>Zoophthora phytonomi</i>	275	<i>Beauveria bassiana</i>
105	<i>Zoophthora radicans</i>	193	<i>Conidiobolus osmodes</i>	276	<i>Beauveria bassiana</i>
106	<i>Zoophthora radicans</i>	194	<i>Conidiobolus thromboides</i>	277	<i>Beauveria bassiana</i>
107	<i>Zoophthora radicans</i>	198	<i>Entomophaga aulicae</i>	278	<i>Beauveria bassiana</i>
108	<i>Zoophthora radicans</i>	199	<i>Pandora nouriyi</i>	279	<i>Beauveria bassiana</i>
109	<i>Zoophthora radicans</i>	201	<i>Beauveria bassiana</i>	280	<i>Beauveria bassiana</i>
110	<i>Zoophthora radicans</i>	202	<i>Zoophthora phytonomi</i>	281	<i>Beauveria bassiana</i>
111	<i>Zoophthora radicans</i>	203	<i>Schizangiella serpentis</i>	282	<i>Beauveria bassiana</i>
112	<i>Zoophthora radicans</i>	204	<i>Lecanicillium muscarium</i>	283	<i>Beauveria bassiana</i>
113	<i>Zoophthora phytonomi</i>	205	<i>Conidiobolus coronatus</i>	284	<i>Beauveria bassiana</i>
114	<i>Zoophthora radicans</i>	206	<i>Conidiobolus coronatus</i>	285	<i>Beauveria bassiana</i>
115	<i>Conidiobolus thromboides</i>	207	<i>Zoophthora occidentalis</i>	286	<i>Beauveria bassiana</i>
120	<i>Conidiobolus thromboides</i>	208	<i>Conidiobolus thromboides</i>	287	<i>Beauveria bassiana</i>
121	<i>Conidiobolus obscurus</i>	211	<i>Conidiobolus sp.</i>	288	<i>Beauveria bassiana</i>
122	<i>Conidiobolus obscurus</i>	214	<i>Batkoя gigantea</i>	289	<i>Beauveria bassiana</i>

290	Beauveria bassiana	376	Entomophaga macleodii	459	Pandora delphacis
291	Beauveria bassiana	377	Sorosporella sp.	460	Pandora delphacis
292	Beauveria pseudobassiana	379	Zoophthora radicans	461	Pandora delphacis
293	Beauveria bassiana	380	Nomuraea rileyi	468	Zoophthora lanceolata
294	Isaria farinosa	381	Pandora neoaphidis	469	Zoophthora lanceolata
295	Beauveria bassiana	382	Entomophaga macleodii	470	Furia virescens
296	Beauveria bassiana	383	Entomophaga calopteni	471	Conidiobolus coronatus
297	Metarhizium anisopliae var. majus	384	Beauveria bassiana	472	Metarhizium brunneum
298	Metarhizium anisopliae var. majus	385	Paecilomyces sp.	473	Metarhizium majus
299	Beauveria pseudobassiana	386	Myriodontium keratinophilum	474	Beauveria bassiana
300	Beauveria bassiana	387	Entomophthora culicis	475	Isaria farinosa
301	Beauveria bassiana	388	Zoophthora radicans	476	Isaria farinosa
302	Beauveria bassiana	389	Zoophthora radicans	477	Beauveria bassiana
303	Beauveria bassiana	390	Entomophaga calopteni	478	Pandora delphacis
304	Beauveria bassiana	391	Conidiobolus sp.	481	Nomuraea rileyi
305	Beauveria bassiana	392	Entomophthora muscae	482	Nomuraea rileyi
306	Beauveria bassiana	393	Entomophaga sp.	483	Nomuraea rileyi
307	Beauveria bassiana	394	Furia virescens	484	Paecilomyces reniformis
308	Beauveria bassiana	395	Batko aliculata	485	Metarhizium anisopliae sensu lato
309	Paecilomyces sp.	396	Zoophthora anglica	486	Metarhizium anisopliae sensu lato
310	Lecanicillium muscarium	397	Pandora dipterigena	487	Metarhizium anisopliae sensu lato
311	Lecanicillium muscarium	399	Erynia ovispora	488	Metarhizium anisopliae sensu lato
312	Lecanicillium muscarium	400	Erynia ovispora	489	Metarhizium anisopliae sensu lato
313	Lecanicillium muscarium	403	Batko gigantea	490	Hirsutella citriformis
314	Lecanicillium muscarium	404	Zoophthora radicans	491	Zoophthora radicans
317	Beauveria bassiana	405	Conidiobolus coronatus	496	Entomophaga macleodii
318	Beauveria bassiana	406	Conidiobolus coronatus	497	Entomophaga calopteni
319	Beauveria bassiana	407	Zoophthora radicans	498	Entomophaga calopteni
320	Beauveria bassiana	408	Entomophaga calopteni	499	Entomophaga macleodii
321	Lecanicillium longisporum	410	Purpureocillium lilacinum	500	Entomophaga calopteni
322	Isaria javanica	412	Beauveria bassiana	501	Beauveria bassiana
323	Nomuraea rileyi	413	Beauveria bassiana	502	Beauveria bassiana
324	Metarhizium acridum	414	Hirsutella thompsonii	503	Beauveria bassiana
325	Beauveria bassiana	416	Beauveria bassiana	504	Beauveria bassiana
326	Beauveria bassiana	418	Conidiobolus coronatus	505	Beauveria bassiana
328	Entomophaga australiensis	419	Conidiobolus coronatus	506	Beauveria bassiana
331	Entomophaga australiensis	421	Conidiobolus coronatus	507	Beauveria bassiana
333	Beauveria bassiana	422	Conidiobolus coronatus	509	Beauveria bassiana
334	Beauveria bassiana	425	Zoophthora aphidis	510	Beauveria bassiana
335	Beauveria bassiana	426	Zoophthora lanceolata	511	Conidiobolus coronatus
336	Beauveria bassiana	427	Furia virescens	512	Conidiobolus coronatus
337	Beauveria bassiana	429	Paecilomyces reniformis	514	Conidiobolus coronatus
338	Beauveria bassiana	430	Aschersonia aleyrodis	517	Conidiobolus sp.
340	Beauveria bassiana	432	Aschersonia aleyrodis	520	Conidiobolus coronatus
341	Aschersonia aleyrodis	433	Beauveria bassiana	522	Conidiobolus sp.
342	Aschersonia aleyrodis	434	Conidiobolus obscurus	523	Conidiobolus coronatus
343	Aschersonia goldiana	435	Metarhizium anisopliae sensu lato	524	Conidiobolus coronatus
344	Beauveria bassiana	436	Metarhizium pingshaense	525	Conidiobolus coronatus
346	Metarhizium brunneum	437	Metarhizium pingshaense	527	Tilletiopsis sp.
349	Conidiobolus coronatus	438	Metarhizium anisopliae sensu lato	528	Conidiobolus coronatus
350	Beauveria bassiana	439	Metarhizium pingshaense	531	Purpureocillium lilacinum
352	Zoophthora phalloides	440	Metarhizium anisopliae sensu lato	532	Hirsutella citriformis
353	Beauveria bassiana	441	Metarhizium anisopliae sensu lato	533	Beauveria bassiana
354	Conidiobolus obscurus	442	Metarhizium anisopliae sensu lato	534	Beauveria bassiana
355	Conidiobolus obscurus	443	Metarhizium pingshaense	535	Beauveria bassiana
356	Beauveria bassiana	444	Metarhizium pingshaense	536	Beauveria bassiana
357	Beauveria bassiana	445	Metarhizium anisopliae sensu lato	538	Metarhizium pingshaense
358	Nomuraea rileyi	446	Metarhizium pingshaense	539	Nomuraea rileyi
359	Zoophthora radicans	447	Conidiobolus osmodes	543	Metarhizium anisopliae sensu lato
362	Pandora nouri	448	Conidiobolus rhysosporus	547	Beauveria sp.
363	Conidiobolus thrombooides	449	Conidiobolus bangalorensis	549	Metarhizium anisopliae sensu lato
365	Entomophaga australiensis	450	Conidiobolus paulus	550	Metarhizium anisopliae sensu lato
366	Pandora nouri	451	Conidiobolus adiaeretus	551	Metarhizium anisopliae sensu lato
368	Myriodontium keratinophilum	452	Conidiobolus brefieldianus	552	Metarhizium pingshaense
369	Pandora kondoensis	453	Conidiobolus pumilus	555	Lecanicillium lecanii
370	Zoophthora radicans	454	Entomophthora muscae	556	Entomophthora muscae
372	Culicinomyces clavisporus	455	Metarhizium brunneum	557	Entomophthora muscae
373	Lagenidium giganteum	456	Metarhizium anisopliae sensu lato	558	Nomuraea rileyi
374	Massospora cicadina	457	Metarhizium anisopliae sensu lato	560	Beauveria bassiana
375	Entomophaga macleodii	458	Pandora delphacis	563	Conidiobolus coronatus

564	Conidiobolus sp.	646	Entomophaga calopteni	731	Beauveria bassiana
565	Conidiobolus coronatus	648	Isaria farinosa	732	Beauveria bassiana
566	Beauveria bassiana	649	Conidiobolus thromboides	733	Beauveria bassiana
567	Conidiobolus coronatus	650	Macrobiotophthora vermicola	734	Beauveria bassiana
568	Hirsutella sp.	651	Entomophthora muscae	735	Beauveria bassiana
569	Gibellula sp.	652	Beauveria bassiana	736	Beauveria bassiana
570	Gibellula sp.	653	Trichothecium sp.	737	Beauveria bassiana
572	Tilletiopsis sp.	654	Beauveria bassiana	738	Beauveria bassiana
573	Tilletiopsis sp.	655	Conidiobolus coronatus	739	Beauveria bassiana
575	Pandora delphacis	656	Beauveria amorphia	741	Isaria amoenerosea
576	Metarhizium pingshaense	657	Pandora delphacis	742	Furia americana
577	Paecilomyces reniformis	659	Pandora delphacis	743	Entomophaga australiensis
579	Pandora delphacis	660	Pandora delphacis	744	Isaria amoenerosea
580	Pandora delphacis	662	Neozygites sp.	748	Lagenidium giganteum
581	Entomophaga australiensis	664	Pandora delphacis	749	Lagenidium giganteum
582	Culicinomyces clavisporus	665	Pandora delphacis	750	Erynia aquatica
583	Culicinomyces clavisporus	666	Pandora delphacis	751	Beauveria bassiana
584	Culicinomyces clavisporus	667	Pandora delphacis	752	Beauveria bassiana
585	Culicinomyces clavisporus	668	Pandora delphacis	753	Beauveria bassiana
587	Metarhizium anisopliae sensu stricto	669	Pandora delphacis	754	Beauveria bassiana
588	Metarhizium pingshaense	670	Pandora delphacis	755	Metarhizium anisopliae sensu stricto
589	Metarhizium anisopliae sensu lato	672	Pandora delphacis	756	Beauveria bassiana
590	Beauveria sp.	673	Pandora delphacis	757	Beauveria bassiana
591	Hirsutella citriformis	674	Pandora delphacis	758	Beauveria bassiana
593	Pandora delphacis	676	Pandora delphacis	759	Metarhizium anisopliae sensu lato
595	Conidiobolus sp.	678	Beauveria brongniartii	760	Metarhizium anisopliae sensu lato
596	Conidiobolus sp.	679	Beauveria bassiana	762	Nomuraea rileyi
597	Conidiobolus coronatus	680	Paecilomyces sp.	763	Purpureocillium lilacinum
598	Conidiobolus nr. coronatus	681	Beauveria bassiana	764	Erynia aquatica
599	Conidiobolus nr. coronatus	682	Pandora delphacis	765	Entomophaga macleodii
600	Conidiobolus nr. coronatus	683	Metarhizium guizhouense	767	Entomophaga macleodii
602	Conidiobolus nr. coronatus	684	Hirsutella citriformis	768	Entomophaga macleodii
603	Pandora delphacis	685	Zoophthora radicans	769	Entomophaga macleodii
604	Conidiobolus sp.	686	Pandora delphacis	770	Entomophaga macleodii
605	Conidiobolus sp.	687	Fusarium sp.	771	Entomophaga macleodii
606	Conidiobolus sp.	689	Ascospheara aggregata	772	Entomophaga macleodii
608	Pandora neoaphidis	690	Ascospheara aggregata	773	Entomophaga macleodii
609	Pandora neoaphidis	691	Ascospheara apis	774	Entomophaga macleodii
610	Pandora neoaphidis	692	Ascospheara apis	775	Entomophaga macleodii
611	Pandora neoaphidis	693	Ascospheara atra	776	Entomophaga macleodii
612	Pandora neoaphidis	694	Ascospheara major	777	Entomophaga macleodii
613	Pandora neoaphidis	695	Ascospheara proliperda	778	Entomophaga macleodii
614	Pandora neoaphidis	696	Ascospheara proliperda	779	Entomophaga macleodii
616	Tolypocladium inflatum	697	Isaria farinosa	781	Furia pieris
617	Beauveria brongniartii	698	Pandora delphacis	782	Metarhizium anisopliae sensu lato
618	Entomophaga macleodii	700	Conidiobolus lachnoides	783	Beauveria bassiana
619	Entomophaga macleodii	703	Metarhizium guizhouense	784	Beauveria bassiana
620	Entomophaga macleodii	705	Tolypocladium cylindrosporum	785	Beauveria bassiana
621	Entomophaga macleodii	706	Culicinomyces clavisporus	786	Beauveria bassiana
623	Entomophaga calopteni	707	Entomophthora muscae	787	Beauveria bassiana
624	Entomophaga macleodii	708	Beauveria bassiana	788	Beauveria bassiana
625	Entomophaga calopteni	709	Beauveria bassiana	789	Zoophthora radicans
626	Entomophaga calopteni	711	Nomuraea rileyi	790	Zoophthora radicans
628	Entomophaga macleodii	712	Metarhizium pingshaense	791	Entomophaga australiensis
629	Entomophaga macleodii	713	Pandora delphacis	792	Beauveria bassiana
630	Conidiobolus thromboides	714	Beauveria bassiana	793	Beauveria bassiana
631	Conidiobolus thromboides	716	Pandora delphacis	794	Metarhizium anisopliae sensu lato
632	Conidiobolus thromboides	717	Beauveria bassiana	795	Lecanicillium muscarium
633	Conidiobolus thromboides	718	Beauveria bassiana	796	Beauveria bassiana
634	Conidiobolus thromboides	719	Beauveria bassiana	797	Metarhizium robertsii
635	Conidiobolus thromboides	720	Isaria fumosorosea	798	Metarhizium anisopliae sensu stricto
636	Pandora neoaphidis	721	Beauveria bassiana	799	Isaria farinosa
637	Pandora neoaphidis	722	Isaria fumosorosea	800	Zoophthora radicans
638	Pandora neoaphidis	723	Purpureocillium lilacinum	801	Erynia rhizospora
639	Pandora neoaphidis	724	Metarhizium robertsii	803	Entomophthora muscae
640	Eryniopsis caroliniana	725	Metarhizium anisopliae sensu lato	804	Beauveria bassiana
641	Eryniopsis caroliniana	727	Metarhizium robertsii	805	Beauveria bassiana
642	Eryniopsis caroliniana	728	Metarhizium anisopliae sensu lato	806	Beauveria bassiana
644	Paecilomyces clavisporus	729	Metarhizium anisopliae sensu lato	807	Trichoderma sp.
645	Paecilomyces clavisporus	730	Beauveria bassiana	808	Metarhizium anisopliae sensu lato

809	Beauveria bassiana	881	Hirsutella guyana	956	Beauveria bassiana
810	Lecanicillium muscarium	882	Hirsutella guyana	957	Beauveria bassiana
811	Lecanicillium muscarium	883	Hirsutella guyana	958	Beauveria bassiana
812	Beauveria bassiana	884	Erynia sp.	959	Evlachovaea sp.
813	Beauveria pseudobassiana	886	Beauveria bassiana	960	Metarhizium anisopliae sensu lato
814	Beauveria pseudobassiana	887	Isaria fumosorosea	961	Tolypocladium cylindrosporum
815	Beauveria bassiana	889	Metarhizium anisopliae sensu lato	962	Tolypocladium cylindrosporum
816	Beauveria bassiana	890	Metarhizium anisopliae sensu lato	963	Tolypocladium cylindrosporum
817	Metarhizium brunneum	891	Metarhizium anisopliae sensu lato	964	Culicinomyces clavisporus
818	Metarhizium anisopliae sensu lato	892	Metarhizium anisopliae sensu lato	965	Metarhizium anisopliae sensu lato
819	Metarhizium guizhouense	893	Metarhizium anisopliae sensu lato	966	Metarhizium anisopliae sensu lato
820	Metarhizium brunneum	894	Metarhizium anisopliae sensu lato	967	Metarhizium anisopliae sensu lato
821	Fusarium coccophilum	895	Metarhizium anisopliae sensu lato	968	Metarhizium anisopliae sensu lato
822	Zoophthora radicans	896	Metarhizium anisopliae sensu lato	970	Hirsutella sp.
823	Zoophthora radicans	897	Metarhizium anisopliae sensu lato	971	Paecilomyces sp.
824	Conidiobolus obscurus	898	Metarhizium anisopliae sensu lato	972	Lecanicillium muscarium
825	Pandora kondoensis	899	Zoophthora radicans	973	Lecanicillium muscarium
826	Entomophthora muscae	900	Lecanicillium muscarium	974	Lecanicillium longisporum
827	Pandora neoaphidis	901	Metarhizium anisopliae sensu lato	975	Isaria farinosa
828	Pandora kondoensis	902	Metarhizium anisopliae sensu lato	976	Tolypocladium cylindrosporum
829	Pandora neoaphidis	903	Metarhizium anisopliae sensu lato	977	Metarhizium guizhouense
830	Pandora neoaphidis	904	Metarhizium anisopliae sensu lato	978	Metarhizium majus
832	Conidiobolus obscurus	905	Metarhizium anisopliae sensu lato	979	Beauveria brongniartii
833	Pandora neoaphidis	906	Metarhizium anisopliae sensu lato	980	Lecanicillium muscarium
834	Conidiobolus obscurus	907	Metarhizium anisopliae sensu lato	981	Isaria farinosa
835	Pandora neoaphidis	908	Metarhizium anisopliae sensu lato	982	Beauveria bassiana
836	Pandora kondoensis	909	Metarhizium anisopliae sensu lato	983	Erynia sp.
837	Pandora kondoensis	910	Metarhizium anisopliae sensu lato	984	Paecilomyces canadensis
838	Pandora neoaphidis	911	Metarhizium anisopliae sensu lato	985	Beauveria brongniartii
839	Batkoia apiculata	912	Metarhizium anisopliae sensu lato	986	Purpureocillium lilacinum
840	Entomophaga praxibuli	913	Metarhizium anisopliae sensu lato	988	Metarhizium brunneum
841	Tolypocladium cylindrosporum	914	Zoophthora radicans	989	Isaria fumosorosea
842	Beauveria bassiana	915	Pandora blunckii	990	Paecilomyces canadensis
843	Beauveria bassiana	916	Zoophthora anglica	991	Verticillium lecanii
844	Metarhizium anisopliae sensu lato	917	Pandora blunckii	992	Aschersonia aleurodis
845	Metarhizium anisopliae sensu lato	919	Batkoia apiculata	993	Pandora neoaphidis
846	Metarhizium anisopliae sensu lato	920	Pandora blunckii	994	Lecanicillium muscarium
847	Metarhizium anisopliae sensu lato	921	Metarhizium anisopliae sensu lato	996	Hirsutella satumaensis
848	Metarhizium anisopliae sensu lato	922	Metarhizium anisopliae sensu lato	997	Conidiobolus coronatus
849	Metarhizium anisopliae sensu lato	923		998	Entomophaga aulicae
850	Metarhizium anisopliae sensu lato	925	Metarhizium anisopliae sensu lato	999	Conidiobolus sp.
851	Metarhizium anisopliae sensu lato	926	Zoophthora anglica	1000	Pandora blunckii
852	Metarhizium anisopliae sensu lato	927	Batkoia apiculata	1001	Beauveria bassiana
853	Metarhizium anisopliae sensu lato	928	Beauveria bassiana	1002	Lecanicillium muscarium
854	Metarhizium anisopliae sensu lato	929	Metarhizium anisopliae sensu lato	1003	Aspergillus flavus
855	Metarhizium anisopliae sensu lato	930	Beauveria bassiana	1004	Pandora blunckii
856	Metarhizium anisopliae sensu lato	931	Beauveria bassiana	1005	Isaria fumosorosea
857	Metarhizium anisopliae sensu lato	932	Metarhizium anisopliae sensu lato	1006	Conidiobolus thromboides
858	Metarhizium anisopliae sensu lato	933	Beauveria bassiana	1007	Beauveria bassiana
859	Metarhizium anisopliae sensu lato	934	Beauveria bassiana	1008	Paecilomyces sp.
860	Metarhizium anisopliae sensu lato	935	Nomuraea rileyi	1009	Metarhizium pingshaense
861	Metarhizium anisopliae sensu lato	936	Nomuraea rileyi	1010	Aspergillus flavus
862	Metarhizium anisopliae sensu lato	937	Beauveria bassiana	1011	Metarhizium pingshaense
863	Metarhizium anisopliae sensu lato	938	Beauveria bassiana	1013	Unidentified sp.
864	Metarhizium anisopliae sensu lato	939	Metarhizium anisopliae sensu lato	1014	Nomuraea rileyi
865	Metarhizium anisopliae sensu lato	941	Beauveria bassiana	1015	Metarhizium majus
866	Metarhizium anisopliae sensu lato	942	Beauveria bassiana	1016	Beauveria bassiana
867	Metarhizium anisopliae sensu lato	943	Beauveria bassiana	1017	Evlachovaea sp.
868	Metarhizium anisopliae sensu lato	944	Beauveria bassiana	1018	Zoophthora radicans
869	Metarhizium anisopliae sensu lato	945	Beauveria bassiana	1019	Zoophthora radicans
870	Metarhizium anisopliae sensu lato	946	Beauveria bassiana	1020	Zoophthora radicans
871	Metarhizium anisopliae sensu lato	947	Beauveria bassiana	1021	Zoophthora radicans
872	Metarhizium anisopliae sensu lato	948	Beauveria bassiana	1022	Metarhizium anisopliae sensu lato
873	Metarhizium anisopliae sensu lato	949	Beauveria bassiana	1023	Metarhizium anisopliae sensu lato
874	Metarhizium anisopliae sensu lato	950	Beauveria bassiana	1024	Metarhizium anisopliae sensu lato
875	Metarhizium anisopliae sensu lato	951	Beauveria bassiana	1025	Metarhizium anisopliae sensu lato
876	Erynia sp.	952	Beauveria bassiana	1026	Lecanicillium longisporum
878	Hirsutella guyana	953	Beauveria bassiana	1027	Tolypocladium cylindrosporum
879	Hirsutella guyana	954	Metarhizium anisopliae sensu lato	1028	Tolypocladium cylindrosporum
880	Erynia sp.	955	Metarhizium anisopliae sensu lato	1029	Lecanicillium muscarium

1030	Aschersonia turbinata	1103	Beauveria bassiana	1180	Beauveria bassiana
1032	Lecanicillium muscarium(?)	1104	Beauveria bassiana	1181	Beauveria bassiana
1033	Lecanicillium muscarium	1105	Beauveria bassiana	1182	Beauveria bassiana
1034	Hirsutella versicolor	1106	Beauveria bassiana	1183	Beauveria bassiana
1035	Hirsutella citriformis	1107	Beauveria bassiana	1184	Metarhizium flavoviride var. flavoviride■
1036	Hirsutella citriformis	1108	Isaria farinosa	1185	Beauveria bassiana
1037	Hirsutella versicolor	1109	Lecanicillium lecanii(?)	1186	Beauveria bassiana
1038	Beauveria bassiana	1110	Beauveria bassiana	1187	Metarhizium brunneum
1039	Beauveria bassiana	1111	Isaria farinosa	1188	Beauveria bassiana
1040	Beauveria sp.	1112	Metarhizium brunneum	1189	Beauveria bassiana
1041	Beauveria bassiana	1113	Beauveria bassiana	1190	Beauveria bassiana
1042	Isaria farinosa	1114	Beauveria bassiana	1191	Beauveria bassiana
1043	Mixed Culture sp.	1115	Beauveria bassiana	1192	Beauveria bassiana
1044	Metarhizium anisopliae sensu stricto	1116	Metarhizium brunneum	1193	Beauveria bassiana
1045	Metarhizium anisopliae sensu stricto	1117	Beauveria bassiana	1194	Beauveria bassiana
1046	Metarhizium robertsii	1118	Beauveria bassiana	1195	Beauveria sp.
1047	Nomuraea rileyi	1119	Beauveria bassiana	1196	Beauveria sp.
1048	Zoophthora radicans	1120	Metarhizium robertsii	1197	Beauveria sp.
1050	Zoophthora radicans	1121	Beauveria bassiana	1198	Beauveria sp.
1051	Unidentified sp.	1122	Beauveria bassiana	1199	Beauveria sp.
1052	Erynia sp.	1123	Sorosporella uvella	1200	Beauveria sp.
1053	Beauveria bassiana	1124	Pandora delphacis	1201	Beauveria sp.
1054	Beauveria bassiana	1125	Zoophthora radicans	1202	Beauveria sp.
1055	Metarhizium anisopliae sensu lato	1126	Entomophaga sp.	1203	Beauveria sp.
1056	Metarhizium anisopliae sensu lato	1129	Furia virescens	1204	Beauveria sp.
1057	Metarhizium robertsii	1130	Zoophthora radicans	1205	Beauveria sp.
1058	Purpureocillium lilacinum	1131	Conidiobolus obscurus	1206	Beauveria sp.
1059	Metarhizium anisopliae sensu lato	1132	Pandora delphacis	1207	Beauveria sp.
1060	Beauveria bassiana	1133	Pandora delphacis	1208	Beauveria sp.
1061	Beauveria bassiana	1134	Pandora neoaphidis	1209	Beauveria sp.
1062	Hirsutella citriformis	1136	Zoophthora radicans	1210	Beauveria sp.
1063	Hirsutella citriformis	1137	Pandora neoaphidis	1211	Beauveria sp.
1064	Hirsutella citriformis	1139	Basidiobolus ranarum	1212	Trichothecium roseum
1065	Isaria farinosa	1140	Entomophaga aulicae	1213	Beauveria sp.
1066	Metarhizium brunneum	1143	Erynia sp.	1214	Beauveria sp.
1067	Beauveria brongniartii	1145	Furia neopyralidarum	1215	Beauveria sp.
1068	Beauveria brongniartii	1146	Batkoia apiculata	1216	Beauveria sp.
1069	Beauveria brongniartii	1147	Conidiobolus coronatus	1217	Trichothecium sp.
1070	Beauveria brongniartii	1148	Fusarium solani	1218	Beauveria sp.
1071	Beauveria brongniartii	1149	Beauveria bassiana	1219	Beauveria sp.
1072	Beauveria brongniartii	1150	Beauveria bassiana	1220	Beauveria sp.
1073	Beauveria bassiana	1151	Beauveria bassiana	1221	Beauveria sp.
1074	Beauveria bassiana	1152	Aspergillus sp.	1222	Beauveria sp.
1075	Beauveria bassiana	1153	Beauveria bassiana	1223	Trichothecium sp.
1076	Beauveria brongniartii	1154	Beauveria bassiana	1224	Beauveria sp.
1077	Beauveria brongniartii	1155	Beauveria bassiana	1225	Isaria farinosa
1079	Beauveria bassiana	1156	Beauveria bassiana	1226	Trichothecium roseum
1080	Metarhizium anisopliae sensu stricto	1157	Beauveria bassiana	1227	Zoophthora radicans
1081	Beauveria bassiana	1158	Beauveria bassiana	1228	Zoophthora radicans
1082	Zoophthora radicans	1159	Beauveria bassiana	1229	Zoophthora radicans
1083	Metarhizium anisopliae sensu lato	1160	Beauveria bassiana	1230	Entomophaga sp.
1084	Metarhizium anisopliae sensu lato	1161	Beauveria bassiana	1231	Zoophthora radicans
1085	Metarhizium anisopliae sensu lato	1162	Beauveria bassiana	1232	Zoophthora radicans
1086	Metarhizium anisopliae sensu lato	1163	Beauveria bassiana	1233	Zoophthora radicans
1087	Metarhizium anisopliae sensu lato	1164	Beauveria bassiana	1234	Zoophthora radicans
1088	Metarhizium anisopliae sensu lato	1165	Beauveria bassiana	1236	Zoophthora radicans
1089	Metarhizium anisopliae sensu lato	1166	Beauveria bassiana	1237	Zoophthora radicans
1090	Metarhizium anisopliae sensu lato	1167	Beauveria bassiana	1238	Pandora delphacis
1091	Metarhizium anisopliae sensu lato	1168	Beauveria bassiana	1239	Zoophthora radicans
1092	Metarhizium guizhouense	1169	Beauveria bassiana	1240	Furia americana
1093	Metarhizium guizhouense	1170	Beauveria bassiana	1241	Erynia sp.
1094	Metarhizium anisopliae sensu lato	1171	Beauveria bassiana	1242	Furia americana
1095	Metarhizium brunneum	1172	Beauveria bassiana	1243	Hirsutella citriformis
1096	Hirsutella sp.	1173	Beauveria bassiana	1244	Hirsutella citriformis
1097	Metarhizium anisopliae sensu lato	1174	Beauveria bassiana	1245	Hirsutella citriformis
1098	Beauveria bassiana	1175	Beauveria bassiana	1246	Hirsutella citriformis
1099	Metarhizium flavoviride var. minus	1176	Beauveria bassiana	1249	Hirsutella citriformis
1100	Zoophthora radicans	1177	Beauveria bassiana	1251	Hirsutella citriformis
1101	Pandora delphacis	1178	Beauveria bassiana	1252	Hirsutella citriformis
1102	Lecanicillium muscarium	1179	Beauveria bassiana	1253	Hirsutella citriformis

1254	Hirsutella citriformis	1324	Beauveria bassiana
1255	Hirsutella citriformis	1325	Beauveria bassiana
1256	Hirsutella citriformis	1326	Beauveria bassiana
1257	Hirsutella citriformis	1327	Beauveria sp.
1258	Hirsutella citriformis	1328	Lecanicillium muscarium
1259	Hirsutella citriformis	1329	Aphanocladium album
1260	Culicinomyces clavisporus	1330	Lecanicillium muscarium
1261	Zoophthora radicans	1331	Fusarium lateritium
1262	Zoophthora radicans	1332	Lecanicillium muscarium
1263	Zoophthora radicans	1333	Verticillium lecanii
1264	Pandora delphacis	1334	Lecanicillium muscarium
1265	Pandora delphacis	1335	Lecanicillium muscarium
1266	Erynia sp.	1336	Zoophthora radicans
1267	Erynia sp.	1337	Zoophthora radicans
1268	Pandora delphacis	1338	Erynia sp.
1269	Beauveria bassiana	1339	Furia ithacensis
1270	Beauveria bassiana	1340	Furia ithacensis
1271	Metarhizium flavoviride var. minus	1341	Zoophthora radicans
1272	Metarhizium flavoviride var. minus	1342	Zoophthora radicans
1273	Metarhizium flavoviride var. minus	1343	Zoophthora radicans
1274	Metarhizium flavoviride var. minus	1344	Zoophthora radicans
1275	Metarhizium flavoviride var. minus	1345	Zoophthora radicans
1276	Metarhizium flavoviride var. minus	1346	Zoophthora radicans
1277	Metarhizium flavoviride var. minus	1347	Basidiobolus haptosporus
1278	Metarhizium brunneum	1348	Isaria farinosa
1279	Metarhizium flavoviride var. minus	1349	Isaria farinosa
1280	Metarhizium anisopliae sensu lato	1350	Zoophthora radicans
1281	Metarhizium anisopliae sensu lato	1351	Lecanicillium lecanii
1282	Metarhizium anisopliae sensu lato	1352	Lecanicillium muscarium
1283	Metarhizium flavoviride var. minus	1353	Sterile mycelium
1284	Metarhizium anisopliae sensu lato	1354	Isaria farinosa
1285	Metarhizium anisopliae sensu lato	1355	Isaria farinosa
1286	Metarhizium anisopliae sensu lato	1356	Unidentified sp.
1287	Metarhizium flavoviride var. minus	1357	Verticillium lecanii
1288	Metarhizium flavoviride var. minus	1358	Isaria farinosa
1289	Metarhizium flavoviride var. minus	1359	Beauveria pseudobassiana
1290	Metarhizium anisopliae sensu lato	1360	Beauveria pseudobassiana
1291	Metarhizium flavoviride var. minus	1361	Trichoderma sp.
1292	Metarhizium flavoviride var. minus	1362	Hirsutella nr. haptospora
1293	Metarhizium flavoviride var. minus	1363	Hirsutella nr. haptospora
1294	Metarhizium flavoviride var. minus	1364	Hirsutella nr. haptospora
1295	Metarhizium flavoviride var. minus	1365	Pochonia bulbillosa(?)
1296	Metarhizium flavoviride var. minus	1366	Beauveria brongniartii
1297	Metarhizium flavoviride var. minus	1367	Simplicillium lamellicola
1298	Metarhizium robertsii	1369	Hirsutella radiata
1299	Metarhizium anisopliae sensu lato	1371	Fusarium oxysporum
1300	Metarhizium anisopliae sensu lato	1372	Acremonium furcatum
1301	Metarhizium flavoviride var. minus	1373	Metarhizium anisopliae sensu lato
1302	Metarhizium flavoviride var. minus	1374	Metarhizium anisopliae sensu lato
1303	Metarhizium flavoviride var. minus	1375	Metarhizium anisopliae sensu lato
1304	Metarhizium anisopliae sensu lato	1376	Metarhizium anisopliae sensu lato
1305	Metarhizium flavoviride var. minus	1377	Metarhizium anisopliae sensu lato
1306	Beauveria bassiana	1378	Metarhizium anisopliae sensu lato
1307	Fusarium sp.	1379	Metarhizium anisopliae sensu lato
1308	Trichothecium roseum	1380	Metarhizium anisopliae sensu lato
1309	Beauveria bassiana	1382	Metarhizium anisopliae sensu lato
1310	Fusarium sp.	1383	Metarhizium anisopliae var. majus
1311	Beauveria bassiana	1384	Lagenidium giganteum
1312	Beauveria bassiana	1386	Metarhizium anisopliae sensu lato
1313	Beauveria bassiana	1387	Metarhizium anisopliae sensu lato
1314	Beauveria bassiana	1388	Metarhizium anisopliae sensu lato
1315	Beauveria bassiana	1389	Beauveria bassiana
1316	Beauveria bassiana	1390	Entomophaga maimaiga
1317	Beauveria bassiana	1391	Entomophaga maimaiga
1318	Beauveria bassiana	1392	Entomophaga maimaiga
1319	Beauveria bassiana	1393	Entomophaga asiatica
1320	Beauveria bassiana	1394	Beauveria bassiana
1321	Beauveria bassiana	1395	Beauveria bassiana
1322	Beauveria bassiana	1396	Beauveria bassiana
1323	Beauveria bassiana	1397	Beauveria bassiana
		1398	Beauveria bassiana
		1399	Beauveria bassiana
		1400	Entomophaga maimaiga
		1401	Lecanicillium muscarium
		1402	Lecanicillium muscarium
		1403	Lecanicillium muscarium
		1404	Beauveria bassiana
		1405	Beauveria bassiana
		1406	Beauveria bassiana
		1407	Beauveria bassiana
		1408	Beauveria bassiana
		1409	Beauveria bassiana
		1410	Beauveria bassiana
		1411	Beauveria bassiana
		1412	Beauveria bassiana
		1413	Beauveria bassiana
		1414	Beauveria bassiana
		1415	Unidentified sp.
		1416	Fusarium lateritium
		1417	Unidentified sp.
		1419	Unidentified sp.
		1420	Unidentified sp.
		1421	Unidentified sp.
		1422	Pandora dipterigena
		1423	Unidentified sp.
		1424	Polycephalomyces formosus
		1425	Tritirachium isariae
		1426	Conidiobolus sp.
		1427	Batkoia major
		1428	Zoophthora radicans
		1431	Beauveria brongniartii
		1432	Metarhizium anisopliae sensu lato
		1435	Sterile mycelium
		1436	Hirsutella citriformis
		1439	Erynia conica
		1440	Erynia rhizospora
		1441	Erynia rhizospora
		1442	Erynia rhizospora
		1443	Erynia rhizospora
		1444	Conidiobolus sp.
		1445	Conidiobolus sp.
		1446	Hirsutella citriformis
		1448	Metarhizium pingshaense
		1449	Metarhizium anisopliae sensu lato
		1450	Beauveria bassiana
		1453	Beauveria bassiana
		1454	Beauveria bassiana
		1455	Beauveria bassiana
		1456	Beauveria bassiana
		1457	Beauveria bassiana
		1458	Beauveria bassiana
		1459	Beauveria bassiana
		1460	Beauveria bassiana
		1461	Beauveria bassiana
		1462	Beauveria bassiana
		1463	Beauveria bassiana
		1464	Beauveria bassiana
		1465	Beauveria bassiana
		1466	Beauveria bassiana
		1467	Beauveria bassiana
		1468	Beauveria bassiana
		1469	Beauveria bassiana
		1470	Beauveria bassiana
		1471	Beauveria bassiana
		1472	Beauveria bassiana
		1473	Beauveria bassiana
		1474	Beauveria bassiana
		1475	Beauveria bassiana
		1476	Beauveria bassiana
		1477	Conidiobolus sp.

1478	Beauveria bassiana	1550	Hirsutella citriformis	1627	Beauveria bassiana
1479	Beauveria bassiana	1551	Hirsutella sp.	1628	Beauveria bassiana
1480	Beauveria bassiana	1553	Beauveria bassiana	1629	Beauveria bassiana
1483	Beauveria bassiana	1554	Beauveria bassiana	1630	Beauveria bassiana
1484	Beauveria bassiana	1555	Beauveria bassiana	1634	Unidentified sp.
1485	Conidiobolus sp.	1556	Beauveria bassiana	1635	Beauveria bassiana
1486	Conidiobolus sp.	1558	Beauveria bassiana	1636	Beauveria bassiana
1487	Conidiobolus sp.	1559	Beauveria bassiana	1637	Beauveria bassiana
1488	Conidiobolus sp.	1560	Beauveria bassiana	1638	Beauveria bassiana
1489	Metarhizium anisopliae sensu stricto	1561	Beauveria bassiana	1639	Trichothecium roseum
1490	Metarhizium anisopliae sensu lato	1562	Beauveria bassiana	1640	Beauveria bassiana
1491	Beauveria bassiana	1563	Beauveria bassiana	1641	Fusarium sp.
1492	Zoophthora radicans	1564	Beauveria bassiana	1642	Trichothecium roseum
1493	Zoophthora radicans	1565	Beauveria pseudobassiana	1643	Beauveria bassiana
1494	Zoophthora radicans	1566	Beauveria bassiana	1644	Isaria fumosorosea
1495	Zoophthora radicans	1567	Beauveria caledonica	1645	Isaria fumosorosea
1496	Zoophthora radicans	1568	Isaria fumosorosea	1646	Isaria fumosorosea
1497	Zoophthora radicans	1569	Isaria fumosorosea	1647	Beauveria bassiana
1498	Zoophthora radicans	1570	Pandora neoaphidis	1648	Beauveria bassiana
1499	Zoophthora radicans	1572	Conidiobolus coronatus	1649	Beauveria bassiana
1500	Zoophthora radicans	1573	Conidiobolus coronatus	1650	Beauveria bassiana
1501	Zoophthora radicans	1574	Conidiobolus coronatus	1651	Beauveria bassiana
1502	Zoophthora radicans	1575	Conidiobolus coronatus	1652	Beauveria bassiana
1503	Zoophthora radicans	1576	Evlachovaea sp.	1653	Beauveria bassiana
1504	Zoophthora radicans	1577	Isaria fumosorosea	1654	Beauveria bassiana
1505	Lecanicillium lecanii	1578	Isaria fumosorosea	1655	Entomophaga aulicae
1506	Isaria fumosorosea	1579	Isaria fumosorosea	1656	Entomophaga aulicae
1507	Isaria farinosa	1580	Tolypocladium cylindrosporum	1657	Entomophaga aulicae
1508	Isaria farinosa	1581	Zoophthora radicans	1658	Entomophaga maimaiga
1509	Beauveria bassiana	1582	Zoophthora radicans	1659	Entomophaga asiatica
1510	Beauveria bassiana	1583	Zoophthora radicans	1660	Batko a apiculata
1511	Beauveria bassiana	1584	Zoophthora radicans	1661	Batko a apiculata
1512	Beauveria bassiana	1585	Zoophthora radicans	1662	Conidiobolus pseudapiculatus
1513	Beauveria bassiana	1586	Zoophthora radicans	1664	Conidiobolus pseudapiculatus
1514	Beauveria bassiana	1587	Zoophthora radicans	1665	Conidiobolus pseudapiculatus
1515	Beauveria bassiana	1588	Zoophthora radicans	1666	Erynia sp.
1516	Beauveria bassiana	1589	Zoophthora radicans	1668	Hirsutella sp.
1517	Beauveria bassiana	1590	Zoophthora radicans	1669	Gibellula sp.
1518	Beauveria bassiana	1591	Zoophthora radicans	1670	Nomuraea rileyi
1519	Beauveria bassiana	1593	Zoophthora radicans	1671	Nomuraea rileyi
1520	Beauveria bassiana	1594	Zoophthora radicans	1672	Conidiobolus sp.
1521	Beauveria bassiana	1595	Zoophthora radicans	1674	Zoophthora radicans
1522	Fusarium sp.	1596	Pandora neoaphidis	1675	Zoophthora radicans
1523	Beauveria bassiana	1597	Pandora neoaphidis	1676	Beauveria amorphpha
1524	Beauveria bassiana	1598	Pandora neoaphidis	1677	Beauveria bassiana
1525	Beauveria bassiana	1600	Pandora neoaphidis	1678	Beauveria bassiana
1526	Beauveria bassiana	1601	Pandora neoaphidis	1679	Beauveria bassiana
1527	Beauveria bassiana	1602	Pandora neoaphidis	1680	Beauveria amorphpha
1528	Beauveria bassiana	1603	Pandora neoaphidis	1681	Beauveria sp.
1529	Beauveria bassiana	1604	Pandora neoaphidis	1682	Beauveria sp.
1530	Isaria fumosorosea	1605	Pandora neoaphidis	1683	Beauveria bassiana
1531	Beauveria bassiana	1606	Pandora neoaphidis	1684	Isaria andoi
1532	Isaria fumosorosea	1607	Pandora neoaphidis	1685	Beauveria sungii
1533	Beauveria bassiana	1609	Pandora neoaphidis	1686	Isaria flavovirescens
1534	Beauveria bassiana	1610	Pandora neoaphidis	1689	Beauveria bassiana
1535	Beauveria bassiana	1611	Pandora neoaphidis	1690	Beauveria bassiana
1536	Beauveria bassiana	1612	Pandora neoaphidis	1691	Beauveria bassiana
1537	Beauveria bassiana	1613	Pandora neoaphidis	1692	Beauveria bassiana
1538	Beauveria bassiana	1615	Pandora neoaphidis	1693	Unidentified sp.
1539	Beauveria bassiana	1616	Pandora neoaphidis	1694	Unidentified sp.
1540	Beauveria bassiana	1617	Pandora neoaphidis	1695	Pandora neoaphidis
1541	Zoophthora radicans	1618	Pandora neoaphidis	1696	Pandora neoaphidis
1542	Zoophthora radicans	1619	Beauveria bassiana	1699	Zoophthora radicans
1543	Zoophthora radicans	1620	Beauveria bassiana	1703	Unidentified sp.
1544	Zoophthora radicans	1621	Beauveria bassiana	1704	Beauveria bassiana
1545	Metarhizium pingshaense	1622	Beauveria bassiana	1705	Beauveria bassiana
1546	Metarhizium flavoviride var. minus	1623	Beauveria bassiana	1706	Beauveria bassiana
1547	Metarhizium flavoviride var. minus	1624	Beauveria bassiana	1707	Beauveria bassiana
1548	Metarhizium anisopliae sensu lato	1625	Hirsutella sp.	1708	Beauveria bassiana
1549	Hirsutella citriformis	1626	Isaria fumosorosea	1709	Beauveria bassiana

1710	Beauveria bassiana	1782	Beauveria bassiana	1853	Beauveria bassiana
1711	Beauveria bassiana	1783	Beauveria bassiana	1854	Beauveria bassiana
1712	Beauveria bassiana	1784	Pandora neoaphidis	1855	Beauveria pseudobassiana
1713	Beauveria bassiana	1785	Pandora neoaphidis	1856	Sorosporella uvella
1714	Sorosporella uvella	1786	Pandora neoaphidis	1857	Candida sp.
1715	Pandora blunckii	1787	Lecanicillium lecanii	1858	Metarhizium majus
1716	Pandora blunckii	1788	Beauveria bassiana	1859	Metarhizium majus
1717	Pandora blunckii	1789	Beauveria bassiana	1860	Entomophthora chromaphidis
1718	Pandora blunckii	1790	Beauveria bassiana	1862	Entomophthora chromaphidis
1719	Zoophthora radicans	1791	Beauveria bassiana	1863	Entomophthora chromaphidis
1720	Pandora dipterigena	1792	Beauveria bassiana	1864	Beauveria bassiana
1721	Beauveria bassiana	1793	Beauveria bassiana	1865	Beauveria bassiana
1722	Beauveria bassiana	1794	Beauveria bassiana	1866	Beauveria bassiana
1723	Beauveria bassiana	1795	Beauveria bassiana	1867	Isaria fumosorosea
1724	Metarhizium pingshaense	1796	Beauveria bassiana	1868	Isaria fumosorosea
1725	Metarhizium pingshaense	1797	Beauveria bassiana	1870	Erynia sciarae
1726	Metarhizium anisopliae sensu lato	1798	Beauveria bassiana	1871	Beauveria brongniartii
1727	Metarhizium anisopliae sensu lato	1799	Beauveria bassiana	1872	Beauveria brongniartii
1728	Metarhizium anisopliae sensu lato	1800	Beauveria bassiana	1873	Beauveria brongniartii
1729	Metarhizium pingshaense	1801	Beauveria bassiana	1874	Beauveria brongniartii
1730	Pandora delphacis	1802	Beauveria bassiana	1875	Beauveria brongniartii
1731	Pandora delphacis	1803	Beauveria bassiana	1876	Conidiobolus coronatus
1732	Gibellula pulchra	1804	Beauveria bassiana	1877	Candida sp.
1733	Conidiobolus thrombooides	1805	Beauveria bassiana	1878	Metarhizium robertsii
1734	Conidiobolus thrombooides	1806	Beauveria bassiana	1879	Nomuraea rileyi
1735	Conidiobolus thrombooides	1807	Beauveria bassiana	1880	Ophiocordyceps heteropoda
1736	Conidiobolus coronatus	1808	Beauveria bassiana	1881	Entomophaga sp.
1737	Conidiobolus coronatus	1809	Beauveria bassiana	1882	Metarhizium anisopliae sensu lato
1738	Conidiobolus coronatus	1810	Beauveria bassiana	1883	Metarhizium anisopliae sensu stricto
1739	Zoophthora anglica	1811	Beauveria bassiana	1884	Conidiobolus coronatus
1741	Conidiobolus obscurus	1812	Beauveria bassiana	1885	Metarhizium anisopliae sensu lato
1742	Conidiobolus nr. coronatus	1813	Beauveria bassiana	1886	Beauveria sp.
1743	Conidiobolus nr. coronatus	1814	Beauveria bassiana	1887	Pandora dipterigena
1744	Metarhizium anisopliae sensu lato	1815	Beauveria bassiana	1888	Entomophaga australiensis
1745	Metarhizium anisopliae sensu lato	1816	Beauveria bassiana	1889	Beauveria bassiana
1746	Entomophaga maimaiga	1817	Beauveria bassiana	1890	Metarhizium anisopliae sensu lato
1747	Beauveria bassiana	1818	Beauveria bassiana	1891	Metarhizium anisopliae sensu lato
1748	Beauveria bassiana	1819	Beauveria bassiana	1892	Metarhizium anisopliae sensu lato
1749	Beauveria bassiana	1820	Beauveria bassiana	1893	Nomuraea rileyi
1750	Beauveria bassiana	1821	Beauveria bassiana	1894	Metarhizium anisopliae sensu stricto
1751	Entomophaga aulicae	1822	Beauveria bassiana	1895	Metarhizium anisopliae sensu lato
1752	Erynia conica	1823	Metarhizium anisopliae sensu lato	1896	Metarhizium anisopliae sensu lato
1753	Erynia conica	1824	Pandora neoaphidis	1897	Metarhizium robertsii
1754	Erynia curvispora	1825	Pandora neoaphidis	1898	Metarhizium anisopliae sensu lato
1756	Nomuraea rileyi	1826	Pandora neoaphidis	1899	Metarhizium anisopliae sensu lato
1757	Nomuraea rileyi	1827	Pandora neoaphidis	1900	Metarhizium anisopliae sensu stricto
1758	Nomuraea rileyi	1828	Fusarium sp.	1901	Metarhizium anisopliae sensu lato
1759	Nomuraea rileyi	1829	Beauveria brongniartii	1902	Metarhizium anisopliae sensu lato
1760	Nomuraea rileyi	1830	Beauveria brongniartii	1903	Metarhizium anisopliae sensu lato
1761	Nomuraea rileyi	1831	Beauveria bassiana	1904	Nomuraea atypicola
1762	Nomuraea rileyi	1832	Beauveria bassiana	1905	Lecanicillium lecanii
1763	Metarhizium flavoviride var. minus	1833	Beauveria bassiana	1907	Calcarisporium ovalisporum
1764	Metarhizium flavoviride var. minus	1834	Beauveria bassiana	1908	Sporothrix sp.
1765	Metarhizium flavoviride var. minus	1835	Beauveria sp.	1909	Gibellula clavulifera var. alba
1766	Metarhizium flavoviride var. minus	1836	Beauveria bassiana	1910	Metarhizium robertsii
1767	Metarhizium flavoviride var. minus	1837	Hirsutella citriformis	1911	Metarhizium anisopliae sensu lato
1768	Metarhizium flavoviride var. minus	1838	Beauveria bassiana	1912	Metarhizium anisopliae sensu stricto
1769	Metarhizium flavoviride var. minus	1839	Beauveria bassiana	1913	Hirsutella citriformis
1770	Metarhizium flavoviride var. minus	1840	Metarhizium album	1914	Metarhizium majus
1771	Metarhizium flavoviride var. minus	1841	Zoophthora radicans	1915	Torrubiella rattiacaudata
1772	Metarhizium flavoviride var. minus	1842	Beauveria bassiana	1916	Torrubiella rattiacaudata
1773	Metarhizium flavoviride var. minus	1843	Beauveria bassiana	1917	Hirsutella citriformis
1774	Lecanicillium muscarium	1844	Beauveria bassiana	1918	Hirsutella citriformis
1775	Beauveria bassiana	1845	Beauveria bassiana	1919	Hirsutella citriformis
1776	Beauveria bassiana	1846	Beauveria bassiana	1920	Entomophaga australiensis
1777	Beauveria bassiana	1848	Beauveria bassiana	1921	Pandora dipterigena
1778	Beauveria bassiana	1849	Beauveria bassiana	1922	Unidentified sp.
1779	Beauveria bassiana	1850	Beauveria bassiana	1923	Pandora dipterigena
1780	Beauveria bassiana	1851	Isaria farinosa	1924	Candida sp.
1781	Beauveria bassiana	1852	Beauveria bassiana	1925	Candida sp.

1926	Candida sp.	2003	Lagenidium caudatum	2078	Purpureocillium lilacinum
1928	Zoophthora radicans	2004	Leptolegnia sp.	2079	Beauveria bassiana
1929	Zoophthora radicans	2005	Aphanomyces sp.	2080	Metarhizium anisopliae sensu stricto
1930	Zoophthora radicans	2006	Hirsutella rhossiliensis	2081	Metarhizium album
1931	Zoophthora radicans	2007	Hirsutella rhossiliensis	2082	Metarhizium album
1932	Zoophthora radicans	2008	Hirsutella rhossiliensis	2085	Pandora neoaphidis
1933	Zoophthora radicans	2009	Lecanicillium sp.	2086	Pandora neoaphidis
1934	Zoophthora radicans	2010	Beauveria bassiana	2087	Entomophthora muscae
1935	Zoophthora radicans	2011	Beauveria bassiana	2088	Entomophthora muscae
1936	Pandora delphacis	2012	Hirsutella thompsonii	2089	Entomophthora muscae
1937	Zoophthora radicans	2013	Nomuraea rileyi	2091	Pandora delphacis
1938	Zoophthora radicans	2014	Entomophthora muscae	2092	Pandora delphacis
1939	Isaria farinosa	2015	Catenaria anguillulae	2093	Pandora delphacis
1940	Crypticola clavulifera	2016	Pandora neoaphidis	2094	Pandora delphacis
1941	Metarhizium album	2017	Pandora neoaphidis	2095	Pandora delphacis
1942	Metarhizium album	2018	Pandora neoaphidis	2096	Pandora delphacis
1943	Metarhizium album	2019	Pandora neoaphidis	2097	Erynia sp.
1945	Metarhizium flavoviride var. minus	2020	Pandora neoaphidis	2098	Fusarium coccophilum
1946	Metarhizium majus	2022	Unidentified / Zygomycetes	2099	Hirsutella citriformis
1947	Hirsutella thompsonii	2023	Metarhizium flavoviride var. minus	2100	Hirsutella citriformis
1948	Culicinomyces bisporalis	2024	Metarhizium flavoviride	2101	Hirsutella citriformis
1949	Culicinomyces bisporalis	2025	Metarhizium flavoviride var. flavoviride	2102	Hirsutella citriformis
1950	Nomuraea rileyi	2026	Metarhizium flavoviride	2103	Hirsutella citriformis
1951	Purpureocillium lilacinum	2027	Erynia sp.	2105	Metarhizium anisopliae sensu lato
1952	Metarhizium robertsii	2028	Pandora delphacis	2106	Metarhizium pingshaense
1953	Beauveria bassiana	2030	Beauveria bassiana	2107	Metarhizium brunneum
1954	Beauveria bassiana	2031	Beauveria bassiana	2108	Pandora neoaphidis
1955	Beauveria bassiana	2032	Beauveria bassiana	2109	Pandora neoaphidis
1956	Beauveria bassiana	2033	Beauveria bassiana	2110	Pandora neoaphidis
1957	Isaria farinosa	2034	Beauveria bassiana	2112	Pandora neoaphidis
1958	Metarhizium anisopliae sensu lato	2035	Calcarisporium ovalisporum	2114	Pandora neoaphidis
1959	Beauveria bassiana	2036	Calcarisporium ovalisporum	2115	Pandora neoaphidis
1960	Beauveria bassiana	2037	Metarhizium flavoviride var. minus	2116	Pandora neoaphidis
1961	Beauveria bassiana	2038	Metarhizium anisopliae sensu lato	2117	Pandora neoaphidis
1962	Beauveria bassiana	2039	Metarhizium anisopliae sensu lato	2118	Pandora neoaphidis
1964	Acremonium roseum	2040	Beauveria bassiana	2119	Pandora neoaphidis
1966	Beauveria bassiana	2041	Beauveria bassiana	2120	Pandora neoaphidis
1967	Conidiobolus sp.	2042	Metarhizium brunneum	2121	Pandora neoaphidis
1968	Metarhizium robertsii	2043	Metarhizium pingshaense	2122	Pandora neoaphidis
1969	Beauveria amorpha	2044	Hirsutella strigosa	2123	Pandora neoaphidis
1970	Metarhizium anisopliae sensu lato	2045	Torrubiella homopterorum	2124	Pandora neoaphidis
1971	Beauveria bassiana	2046	Pandora delphacis	2128	Pandora neoaphidis
1972	Nomuraea rileyi	2047	Pandora delphacis	2130	Conidiobolus sp.
1973	Beauveria bassiana	2048	Basidiobolus sp.	2131	Isaria farinosa
1974	Beauveria bassiana	2049	Basidiobolus sp.	2132	
1975	Beauveria bassiana	2050	Basidiobolus sp.	2133	Metarhizium flavoviride
1976	Beauveria bassiana	2051	Basidiobolus sp.	2134	Metarhizium robertsii
1977	Beauveria bassiana	2052	Basidiobolus sp.	2135	Metarhizium anisopliae sensu lato
1978	Beauveria bassiana	2053	Fusarium semitectum	2136	Metarhizium anisopliae sensu lato
1979	Beauveria bassiana	2054	Beauveria bassiana	2137	Metarhizium anisopliae sensu lato
1980	Beauveria bassiana	2055	Trichothecium roseum	2138	Metarhizium anisopliae sensu lato
1981	Pandora neoaphidis	2056	Penicillium thomii	2139	Metarhizium anisopliae sensu lato
1982	Beauveria bassiana	2057	Isaria farinosa	2140	Metarhizium guizhouense
1984	Beauveria bassiana	2059	Fusarium merismoides	2141	Fusarium subglutinans
1985	Pandora neoaphidis	2060	Fusarium avenaceum	2142	Fusarium subglutinans
1986	Pandora neoaphidis	2061	Mortierella hyalina	2143	Fusarium subglutinans
1987	Pandora neoaphidis	2063	Mortierella histoplasmatoides	2144	Fusarium subglutinans
1988	Beauveria bassiana	2064	Pochonia suchlasporia var. catenata	2145	Fusarium subglutinans
1989	Metarhizium anisopliae sensu lato	2065	Lecanicillium muscarium	2146	
1990	Entomophaga aulicae	2066	Lecanicillium muscarium	2147	Conidiobolus sp.
1991	Entomophaga aulicae	2067	Acremonium berkeleyanum	2148	Conidiobolus sp.
1992	Entomophaga aulicae	2069	Humicola sp.	2149	Lecanicillium lecanii
1993	Entomophaga aulicae	2070	Acrodontium crateriforme	2150	Lecanicillium lecanii
1994	Entomophaga aulicae	2071	Phoma cava	2151	Metarhizium anisopliae var. majus
1995	Entomophaga aulicae	2072	Phialophora malorum	2152	Isaria guaensis
1997	Entomophaga aulicae	2073	Sterile mycelium	2153	Metarhizium anisopliae sensu stricto
1998	Entomophaga aulicae	2074	Fusarium moniliforme	2154	Aschersonia aleyrodis
1999	Entomophaga aulicae	2075	Beauveria bassiana	2155	Purpureocillium lilacinum
2000	Entomophaga aulicae	2076	Metarhizium anisopliae sensu lato	2156	Metarhizium anisopliae sensu lato
2002	Hymenostilbe verrucosa	2077	Metarhizium anisopliae sensu lato	2157	Aspergillus flavus

2158	Aspergillus flavus	2237	Schizangiella sp.	2323	Lecanicillium muscarium
2159	Aspergillus flavus	2239	Schizangiella sp.	2324	Lecanicillium aphanocladii
2160	Trichoderma sp.	2241	Zoophthora radicans	2325	Lecanicillium muscarium
2161	Trichoderma sp.	2242	Zoophthora radicans	2326	Lecanicillium muscarium
2162	Metarhizium pingshaense	2243	Zoophthora radicans	2327	Scopulariopsis sp.
2163	Metarhizium anisopliae sensu lato	2244	Zoophthora radicans	2328	Scopulariopsis sp.
2164	Beauveria sp.	2245	Zoophthora radicans	2329	Lecanicillium muscarium
2165	Metarhizium anisopliae sensu lato	2246	Zoophthora radicans	2330	Beauveria bassiana
2166	Metarhizium anisopliae sensu lato	2247	Isaria fumosorosea	2332	Lecanicillium psalliotae
2167	Metarhizium anisopliae sensu lato	2248	Beauveria bassiana	2333	Fusarium sp.
2169	Scopulariopsis sp.	2249	Beauveria bassiana	2334	Lecanicillium muscarium
2170	Lasiodiplodia theobromae	2250	Beauveria bassiana	2336	Beauveria bassiana
2172	Entomophthora muscae	2251	Beauveria caledonica	2337	Fusarium sp.
2173	Aspergillus parasiticus	2252	Fusarium sp.	2338	Conidiobolus lamprauges
2174	Nomuraea rileyi	2253	Beauveria bassiana	2339	Metarhizium flavoviride var. minus
2175	Isaria fumosorosea	2254	Beauveria bassiana	2341	Metarhizium anisopliae sensu lato
2176	Metarhizium album	2255	Scopulariopsis sp.	2342	Metarhizium anisopliae sensu lato
2177	Unidentified / Hyphomycetes	2256	Zoophthora radicans	2343	Metarhizium anisopliae sensu lato
2178	Metarhizium album	2257	Zoophthora radicans	2344	Isaria farinosa
2179	Metarhizium album	2258	Zoophthora radicans	2345	Nomuraea rileyi
2181	Purpureocillium lilacinum	2259	Zoophthora radicans	2346	Hirsutella citriformis
2182	Purpureocillium lilacinum	2260	Zoophthora radicans	2347	Hirsutella citriformis
2183	Purpureocillium lilacinum	2261	Zoophthora radicans	2348	Hirsutella repens
2184	Purpureocillium lilacinum	2262	Zoophthora radicans	2350	Paecilomyces sp.
2185	Purpureocillium lilacinum	2263	Entomophthora muscae	2351	Aschersonia sp.
2186	Purpureocillium lilacinum	2264	Entomophthora muscae	2352	Hirsutella guyana
2187	Hirsutella bogoriensis	2265	Entomophthora muscae	2353	Metarhizium sp.
2188	Zoophthora phytonomi	2266	Entomophthora muscae	2354	Paecilomyces sp.
2191	Beauveria bassiana	2267	Beauveria bassiana	2355	Isaria farinosa
2192	Furia americana	2268	Aschersonia aleurodis	2356	Aschersonia insperata
2193	Conidiobolus sp.	2269	Isaria farinosa	2357	Aschersonia sp.
2194	Furia americana	2270	Beauveria bassiana	2358	Aschersonia sp.
2196	Zoophthora radicans	2271	Beauveria brongniartii	2359	Hirsutella repens
2197	Hirsutella strigosa	2273	Entomophaga conglomerata	2360	Beauveria bassiana
2198	Isaria fumosorosea	2274	Erynia conica	2362	Entomophaga aulicae
2201	Nomuraea rileyi	2275	Erynia conica	2363	Entomophaga aulicae
2202	Nomuraea rileyi	2276	Erynia rhizospora	2365	Entomophaga aulicae
2203	Nomuraea rileyi	2279	Erynia sp.	2366	Entomophaga aulicae
2204	Nomuraea rileyi	2280	Pandora neoaphidis	2367	Entomophaga aulicae
2205	Nomuraea rileyi	2281	Zoophthora phalloides	2368	Entomophaga aulicae
2206	Nomuraea rileyi	2282	Zoophthora radicans	2369	Entomophaga aulicae
2207	Nomuraea rileyi	2283	Zoophthora radicans	2370	Entomophaga maimaiga
2208	Hirsutella sp.	2284	Zoophthora radicans	2371	Entomophaga maimaiga
2209	Hirsutella sp.	2285	Zoophthora radicans	2372	Entomophaga aulicae
2210	Metarhizium brunneum	2286	Zoophthora radicans	2373	Entomophaga aulicae
2211	Metarhizium anisopliae sensu lato	2287	Zoophthora radicans	2374	Entomophaga aulicae
2212	Metarhizium anisopliae sensu lato	2288	Zoophthora radicans	2376	Isaria farinosa
2213	Metarhizium anisopliae sensu lato	2289	Zoophthora radicans	2378	Paecilomyces sp.
2214	Metarhizium anisopliae sensu lato	2292	Erynia sp.	2387	Hirsutella guyana
2215	Purpureocillium lilacinum	2293	Pandora neoaphidis	2394	Hirsutella repens
2216	Isaria fumosorosea	2294	Erynia sp.	2395	Nomuraea rileyi
2217	Isaria fumosorosea	2297	Evlachovaea sp.	2396	Aschersonia insperata
2218	Pochonia chlamydosporia var. chlamydosporia	2298	Pandora neoaphidis	2397	Aschersonia sp.
2219	Isaria fumosorosea	2299	Fusarium semitectum	2398	Aschersonia sp.
2220	Isaria amoenerosea	2300	Fusarium semitectum	2399	Verticillium cinnamomeum
2221	Isaria fumosorosea	2301	Fusarium subglutinans	2400	Zoophthora radicans
2223	Metarhizium anisopliae sensu stricto	2303	Fusarium sp.	2401	Beauveria bassiana
2224	Metarhizium brunneum	2304	Fusarium lateritium	2402	Beauveria bassiana
2225	Unidentified / Hyphomycetes	2311	Fusarium oxysporum	2403	Beauveria bassiana
2226	Hirsutella haptospora	2312	Fusarium solani	2404	Beauveria bassiana
2227	Hirsutella subulata	2313	Fusarium solani	2405	Erynia conica
2228	Hirsutella nr. haptospora	2314	Fusarium solani	2406	Pandora dipterigena
2230	Metarhizium anisopliae sensu lato	2315	Syncephalastrum racemosum	2407	Erynia rhizospora
2231	Metarhizium pingshaense	2316	Fusarium nygamai	2409	Pandora delphacis
2232	Fusarium sp.	2317	Entomophthora muscae	2410	Zoophthora radicans
2233	Purpureocillium lilacinum	2318	Beauveria bassiana	2411	Zoophthora radicans
2234	Lecanicillium psalliotae	2319	Beauveria bassiana	2412	Beauveria sp.
2235	Lecanicillium psalliotae	2320	Beauveria bassiana	2413	Nomuraea sp.
2236	Beauveria bassiana	2321	Beauveria bassiana	2414	Fusarium sp.
		2322	Beauveria bassiana	2415	Tilachlidium sp.

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2416	Cordyceps militaris	2512	Beauveria bassiana	2591	Pandora neoaphidis
2417	Beauveria bassiana	2513	Metarhizium anisopliae sensu lato	2592	Pandora neoaphidis
2418	Fusarium sp.	2514	Metarhizium robertsii	2593	Pandora neoaphidis
2420	Hirsutella citriformis	2515	Beauveria bassiana	2594	Pandora neoaphidis
2421	Metarhizium anisopliae sensu stricto	2516	Beauveria bassiana	2595	Fusarium sp.
2422	Hirsutella citriformis	2517	Metarhizium anisopliae sensu stricto	2596	Metarhizium globosum
2423	Hirsutella citriformis	2518	Metarhizium anisopliae sensu stricto	2597	Beauveria bassiana
2424	Metarhizium anisopliae sensu lato	2519	Beauveria bassiana	2598	Hirsutella citriformis
2425	Isaria fumosorosea	2520	Beauveria bassiana	2599	Hirsutella verticillioides
2426	Hirsutella citriformis	2521	Metarhizium anisopliae sensu lato	2600	Zoophthora radicans
2427	Beauveria bassiana	2522	Entomophaga calopteni	2601	Zoophthora radicans
2428	Hirsutella citriformis	2523	Zoophthora radicans	2613	Evlachovaea sp.
2430	Beauveria bassiana	2525	Erynia sp.	2614	Evlachovaea sp.
2452	Coemansia sp.	2526	Culicinomyces clavisporus	2615	Evlachovaea sp.
2454	Beauveria bassiana	2527	Culicinomyces clavisporus	2616	Paecilomyces sp.
2455	Beauveria pseudobassiana	2528	Unidentified sp.	2617	Paecilomyces sp.
2456	Chamaeleomyces viridis	2529	Lagenidium giganteum	2618	Paecilomyces sp.
2457	Beauveria bassiana	2530	Lagenidium giganteum	2619	Beauveria bassiana
2458	Beauveria bassiana	2531	Lagenidium giganteum	2620	Evlachovaea sp.
2459	Hirsutella thompsonii	2532	Lagenidium giganteum	2621	Beauveria bassiana
2460	Lecanicillium longisporum	2535	Eryniopsis ptychopterae	2622	Culicinomyces clavisporus
2461	Beauveria bassiana	2536	Erynia sp.	2624	Beauveria bassiana
2462	Beauveria bassiana	2537	Erynia sp.	2625	Beauveria bassiana
2463	Beauveria bassiana	2538	Erynia sp.	2626	Beauveria bassiana
2464	Hirsutella thompsonii	2539	Erynia sp.	2627	Metarhizium anisopliae sensu stricto
2465	Nomuraea rileyi	2540	Entomophthora schizophorae	2628	Metarhizium anisopliae sensu lato
2466	Nomuraea rileyi	2541	Entomophthora schizophorae	2629	Beauveria bassiana
2467	Nomuraea anemonoides	2542	Entomophthora muscae	2630	Beauveria bassiana
2468	Drechmeria coniospora	2544	Beauveria bassiana	2631	Beauveria bassiana
2469	Metarhizium robertsii	2545	Evlachovaea sp.	2632	Beauveria bassiana
2471	Culicinomyces clavisporus	2546	Isaria farinosa	2633	Beauveria bassiana
2472	Culicinomyces clavisporus	2547	Metarhizium robertsii	2634	Metarhizium anisopliae sensu lato
2473	Culicinomyces clavisporus	2548	Metarhizium anisopliae sensu lato	2635	Metarhizium anisopliae sensu lato
2474	Culicinomyces clavisporus	2549	Zoophthora radicans	2636	Beauveria bassiana
2475	Culicinomyces clavisporus	2550	Zoophthora radicans	2637	Beauveria bassiana
2476	Culicinomyces clavisporus	2551	Zoophthora radicans	2638	Beauveria bassiana
2477	Culicinomyces clavisporus	2552	Zoophthora radicans	2639	Beauveria bassiana
2478	Culicinomyces clavisporus	2553	Erynia sp.	2640	Unidentified sp.
2479	Culicinomyces clavisporus	2554	Zoophthora radicans	2641	Beauveria amorpha
2480	Culicinomyces clavisporus	2555	Beauveria bassiana	2642	Beauveria bassiana
2481	Culicinomyces clavisporus	2556	Isaria farinosa	2643	Penicillium sp.
2482	Culicinomyces clavisporus	2557	Beauveria pseudobassiana	2644	Hirsutella sp.
2483	Haptocillium balanooides	2558	Zoophthora radicans	2645	Hirsutella sp.
2484	Beauveria bassiana	2559	Beauveria bassiana	2646	Hirsutella sp.
2485	Beauveria bassiana	2560	Metarhizium robertsii	2647	Hirsutella sp.
2486	Beauveria bassiana	2561	Metarhizium robertsii	2648	Hirsutella sp.
2487	Beauveria bassiana	2562	Leptolegnia chapmanii	2649	Hirsutella sp.
2488	Isaria tenuipes	2563	Unidentified sp.	2650	Hirsutella sp.
2489	Isaria tenuipes	2564	Isaria farinosa	2651	Hirsutella sp.
2490	Isaria tenuipes	2567	Beauveria caledonica	2652	Hirsutella sp.
2491	Isaria tenuipes	2568	Fusarium sp.	2653	Hirsutella sp.
2492	Nomuraea rileyi	2569	Fusarium sp.	2654	Hirsutella sp.
2493	Conidiobolus pseudapiculatus	2570	Beauveria bassiana	2655	Hirsutella sp.
2494	Conidiobolus sp.	2571	Beauveria bassiana	2656	Hirsutella sp.
2495	Erynia sp.	2572	Beauveria bassiana	2657	Hirsutella sp.
2496	Conidiobolus pseudapiculatus	2573	Beauveria bassiana	2658	Isaria fumosorosea
2497	Conidiobolus pseudapiculatus	2574	Metarhizium anisopliae sensu lato	2659	Lecanicillium muscarium
2498	Conidiobolus sp.	2575	Metarhizium robertsii	2660	Beauveria brongniartii
2499	Zoophthora radicans	2576	Isaria farinosa	2661	Entomophaga maimaiga
2500	Zoophthora radicans	2577	Isaria farinosa	2663	Erynia sp.
2501	Zoophthora radicans	2578	Isaria farinosa	2664	Erynia sp.
2502	Conidiobolus pseudapiculatus	2579	Beauveria bassiana	2665	Entomophthora muscae
2503	Zoophthora radicans	2580	Beauveria bassiana	2666	Zoophthora radicans
2504	Batkoia apiculata	2581	Hirsutella sp.	2667	Entomophthora schizophorae
2505	Zoophthora anglica	2583	Pandora neoaphidis	2668	Entomophthora muscae
2506	Zoophthora radicans	2584	Pandora neoaphidis	2670	Entomophthora muscae
2507	Erynia sp.	2585	Pandora neoaphidis	2671	Eryniopsis ptychopterae
2509	Beauveria bassiana	2587	Pandora neoaphidis	2672	Conidiobolus sp.
2510	Metarhizium anisopliae sensu lato	2588	Pandora neoaphidis	2673	Entomophthora muscae
2511	Beauveria bassiana	2589	Pandora neoaphidis	2674	Entomophthora muscae

2675	Entomophthora muscae	2745	Isaria fumosorosea	2821	Unidentified sp.
2676	Beauveria bassiana	2746	Unidentified sp.	2822	Isaria farinosa
2677	Neozygites tetranychii	2747	Penicillium sp.	2824	Pandora blunckii
2678	Entomophthora muscae	2748	Beauveria bassiana	2828	Conidiobolus thromboides
2679	Isaria fumosorosea	2749	Isaria fumosorosea	2829	Conidiobolus thromboides
2680	Leptolegnia chapmanii	2751	Beniowskia sp.	2831	Beauveria bassiana
2681	Leptolegnia chapmanii	2752	Geotrichum sp.	2832	Lecanicillium sp. 2(?)
2682	Leptolegnia chapmanii	2754	Pandora neoaphidis	2833	Aspergillus ochraceus
2683	Ascospaera apis	2755	Pandora neoaphidis	2834	Penicillium sp.
2684	Tolypocladium geodes	2756	Pandora neoaphidis	2835	Isaria farinosa
2685	Beauveria bassiana	2757	Pandora neoaphidis	2836	Penicillium sp.
2686	Beauveria bassiana	2758	Pandora neoaphidis	2837	Pandora neoaphidis
2687	Beauveria bassiana	2760	Pandora neoaphidis	2838	Pandora neoaphidis
2688	Beauveria bassiana	2761	Pandora neoaphidis	2839	Pandora neoaphidis
2689	Beauveria bassiana	2762	Pandora neoaphidis	2840	Pandora neoaphidis
2690	Beauveria bassiana	2763	Pandora neoaphidis	2841	Zoophthora occidentalis
2691	Beauveria bassiana	2764	Metarhizium brunneum	2842	Pandora neoaphidis
2692	Beauveria bassiana	2765	Aspergillus sp.	2843	Entomophaga aulicæ
2693	Beauveria bassiana	2766	Pandora neoaphidis	2844	Pandora neoaphidis
2694	Beauveria varroae	2767	Pandora neoaphidis	2845	Pandora neoaphidis
2695	Beauveria bassiana	2768	Pandora neoaphidis	2846	Pandora neoaphidis
2696	Zoophthora radicans	2769	Pandora neoaphidis	2847	Pandora neoaphidis
2697	Zoophthora radicans	2771	Conidiobolus sp.	2848	Pandora neoaphidis
2698	Zoophthora radicans	2772	Conidiobolus sp.	2849	Conidiobolus thromboides
2699	Zoophthora radicans	2773	Pandora neoaphidis	2850	Conidiobolus thromboides
2700	Zoophthora radicans	2775	Entomophaga maimaiga	2851	Pandora neoaphidis
2701	Zoophthora radicans	2776	Fusarium sp.	2852	Pandora neoaphidis
2702	Zoophthora radicans	2777	Tolypocladium cylindrosporum	2853	Pandora neoaphidis
2703	Zoophthora radicans	2778	Tolypocladium cylindrosporum	2854	Pandora neoaphidis
2704	Zoophthora radicans	2779	Entomophaga maimaiga	2855	Pandora neoaphidis
2705	Zoophthora radicans	2780	Entomophaga maimaiga	2856	Pandora neoaphidis
2706	Zoophthora radicans	2781	Pandora neoaphidis	2857	Beauveria bassiana
2707	Zoophthora radicans	2782	Pandora neoaphidis	2858	Lecanicillium muscarium
2708	Zoophthora radicans	2783	Pandora neoaphidis	2859	Verticillium lecanii
2709	Zoophthora radicans	2784	Pandora neoaphidis	2860	Beauveria bassiana
2710	Zoophthora radicans	2786	Metarhizium anisopliae sensu stricto	2861	Beauveria bassiana
2711	Zoophthora radicans	2787	Basidiobolus ranarum	2862	Lecanicillium muscarium
2712	Zoophthora radicans	2788	Hirsutella rhossiliensis	2863	Stachybotrys sp.
2713	Zoophthora radicans	2789	Hirsutella rhossiliensis	2864	Beauveria bassiana
2714	Zoophthora radicans	2790	Hirsutella rhossiliensis	2865	Pandora neoaphidis
2715	Conidiobolus coronatus	2791	Hirsutella rhossiliensis	2866	Pandora neoaphidis
2716	Zoophthora radicans	2792	Hirsutella rhossiliensis	2867	Pandora neoaphidis
2717	Zoophthora radicans	2793	Hirsutella rhossiliensis	2868	Pandora neoaphidis
2718	Zoophthora radicans	2794	Hirsutella rhossiliensis	2869	Beauveria bassiana
2719	Zoophthora radicans	2795	Hirsutella sp.	2870	Pandora neoaphidis
2720	Zoophthora radicans	2796	Hirsutella sp.	2872	Pandora neoaphidis
2721	Entomophaga praxibuli	2797	Hirsutella sp.	2873	Pandora neoaphidis
2722	Beauveria bassiana	2798	Hirsutella sp.	2874	Pandora neoaphidis
2723	Beauveria bassiana	2799	Hirsutella sp.	2875	Pandora neoaphidis
2724	Isaria farinosa	2800	Hirsutella thompsonii	2876	Pandora neoaphidis
2725	Beauveria bassiana	2801	Hirsutella sp.	2877	Lecanicillium muscarium
2726	Isaria farinosa	2802	Hirsutella sp.	2878	Lecanicillium muscarium
2727	Beauveria bassiana	2803	Hirsutella sp.	2879	Beauveria bassiana
2728	Beauveria bassiana	2804	Isaria fumosorosea	2880	Beauveria bassiana
2729	Beauveria bassiana	2805	Metarhizium anisopliae sensu lato	2881	Beauveria bassiana
2730	Conidiobolus coronatus	2806	Metarhizium anisopliae sensu lato	2882	Beauveria bassiana
2731	Conidiobolus firmipilleus	2807	Isaria farinosa	2883	Beauveria bassiana
2732	Zoophthora radicans	2808	Metarhizium majus	2893	Zoophthora radicans
2733	Isaria fumosorosea	2809	Metarhizium pingshaense	2894	Hirsutella rhossiliensis
2734	Isaria fumosorosea	2810	Mixed Culture sp.	2896	Entomophaga aulicæ
2735	Metarhizium pingshaense	2811	Zoophthora radicans	2897	Entomophaga aulicæ
2736	Fusarium sp.	2812	Conidiobolus coronatus	2898	Entomophaga aulicæ
2737	Beauveria bassiana	2813	Conidiobolus coronatus	2899	Entomophaga aulicæ
2738	Mixed Culture sp.	2814	Conidiobolus coronatus	2900	Entomophaga aulicæ
2739	Beauveria bassiana	2815	Conidiobolus sp.	2901	Entomophaga aulicæ
2740	Mixed Culture sp.	2816	Conidiobolus sp.	2902	Entomophaga aulicæ
2741	Myrothecium verrucaria	2817	Aspergillus sp.	2903	Entomophaga aulicæ
2742	Metarhizium brunneum	2818	Aspergillus flavus	2904	Entomophaga aulicæ
2743	Fusarium sp.	2819	Conidiobolus sp.	2905	Entomophaga aulicæ
2744	Isaria fumosorosea	2820	Aspergillus sp.	2906	Furia gastropachæ

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2909	Sporothrix insectorum	2981	Metarhizium robertsii	3057	Metarhizium anisopliae sensu lato
2910	Akanthomyces gracilis	2982	Metarhizium robertsii	3058	Entomophaga praxibuli
2911	Tolypocladium cylindrosporum	2983	Beauveria bassiana	3059	Entomophaga praxibuli
2912	Tolypocladium cylindrosporum	2984	Beauveria bassiana	3060	Entomophaga praxibuli
2913	Pseudogibellula formicarum	2985	Beauveria bassiana	3061	Entomophaga praxibuli
2914	Conidiobolus thromboides	2986	Beauveria bassiana	3062	Pandora delphacis
2915	Stilbella buquetii	2987	Beauveria bassiana	3063	Beauveria pseudobassiana
2916	Verticillium lecanii	2988	Beauveria bassiana	3064	Metarhizium anisopliae sensu lato
2917	Stilbella buquetii	2989	Beauveria bassiana	3065	Beauveria pseudobassiana
2918	Sporothrix insectorum	2990	Beauveria bassiana	3066	Beauveria pseudobassiana
2919	Akanthomyces gracilis	2991	Beauveria bassiana	3068	Entomophaga praxibuli
2920	Tolypocladium cylindrosporum	2992	Hirsutella sp.	3069	Entomophaga praxibuli
2921	Tolypocladium extingueans	2993	Hirsutella guyana	3070	Beauveria pseudobassiana
2922	Beauveria vermiciona	2994	Zoophthora radicans	3071	Zoophthora occidentalis
2923	Lecanicillium muscarium	2995	Zoophthora radicans	3072	Pandora delphacis
2924	Conidiobolus sp.	2996	Zoophthora radicans	3073	Zoophthora occidentalis
2925	Conidiobolus sp.	2997	Beauveria pseudobassiana	3074	Entomophthora muscae
2926	Conidiobolus sp.	2998	Beauveria sp.	3075	Pandora blunckii
2927	Conidiobolus sp.	2999	Unidentified / Hyphomycetes	3076	Isaria fumosorosea
2928	Conidiobolus sp.	3000	Lecanicillium muscarium	3077	Entomophaga macleodii
2929	Engyodontium aranearium	3001	Gliocladium roseum	3078	Entomophaga macleodii
2930	Mariannaea sp.	3002	Zoophthora radicans	3079	Entomophaga macleodii
2931	Hirsutella rhossiliensis	3003	Zoophthora radicans	3080	Batko aliculata
2932	Hirsutella rhossiliensis	3004	Zoophthora radicans	3081	Pandora neoaphidis
2933	Hirsutella rhossiliensis	3005	Zoophthora radicans	3082	Pandora neoaphidis
2934	Drechslerella dactyloides	3006	Zoophthora radicans	3083	Isaria fumosorosea
2935	Engyodontium aranearium	3007	Zoophthora radicans	3084	Trichoderma sp.
2936	Batko major	3008	Zoophthora radicans	3085	Cladosporium cladosporioides
2937	Isaria farinosa	3009	Zoophthora radicans	3086	Beauveria bassiana
2938	Beauveria bassiana	3010	Zoophthora radicans	3087	Conidiobolus coronatus
2939	Hirsutella sp.	3011	Zoophthora radicans	3088	Batko aliculata
2940	Hirsutella sp.	3012	Zoophthora radicans	3089	Conidiobolus obscurus
2941	Metarhizium anisopliae sensu lato	3013	Zoophthora radicans	3090	Conidiobolus obscurus
2942	Beauveria bassiana	3014	Aschersonia sp.	3091	Batko aliculata
2943	Beauveria bassiana	3015	Aschersonia sp.	3092	Conidiobolus obscurus
2944	Beauveria bassiana	3016	Entomophaga aulicae	3093	Pandora delphacis
2945	Beauveria bassiana	3017	Isaria farinosa	3094	Pandora delphacis
2946	Beauveria bassiana	3018	Beauveria bassiana	3095	Pandora delphacis
2948	Metarhizium flavoviride 'Type E'	3019	Beauveria bassiana	3096	Pandora delphacis
2949	Metarhizium anisopliae sensu lato	3020	Beauveria bassiana	3097	Beauveria bassiana
2950	Penicillium sp.	3021	Zoophthora radicans	3098	Beauveria bassiana
2951	Metarhizium anisopliae sensu lato	3022	Zoophthora radicans	3099	Conidiobolus coronatus
2952	Purpureocillium lilacinum	3023	Zoophthora radicans	3101	Paecilomyces sp.
2953	Beauveria bassiana	3024	Zoophthora radicans	3102	Batko major
2954	Isaria farinosa	3026	Zoophthora radicans	3103	Batko major
2955	Conidiobolus thromboides	3027	Zoophthora occidentalis	3104	Zoophthora radicans
2956	Isaria fumosorosea	3028	Zoophthora occidentalis	3105	Zoophthora radicans
2957	Beauveria bassiana	3029	Zoophthora occidentalis	3106	Pandora delphacis
2958	Isaria amoenerosea	3030	Fusarium sp.	3107	Pandora delphacis
2959	Isaria amoenerosea	3031	Fusarium sp.	3108	Metarhizium robertsii
2960	Isaria amoenerosea	3032	Fusarium sp.	3109	Conidiobolus coronatus
2961	Beauveria bassiana	3035	Pochonia bulbillosa(?)	3110	Entomophaga maimaiga
2962	Beauveria bassiana	3036	Penicillium sp.	3111	Beauveria bassiana
2963	Entomophaga praxibuli	3037	Beauveria bassiana	3112	Beauveria bassiana
2964	Entomophaga praxibuli	3039	Entomophaga aulicae	3113	Beauveria bassiana
2965	Entomophaga praxibuli	3040	Beauveria bassiana	3114	Zoophthora radicans
2966	Entomophaga praxibuli	3041	Beauveria bassiana	3115	Zoophthora radicans
2967	Entomophaga praxibuli	3042	Fusarium sp.	3116	Zoophthora radicans
2968	Entomophaga praxibuli	3043	Metarhizium robertsii	3117	Zoophthora radicans
2969	Entomophaga praxibuli	3044	Metarhizium pingshaense	3118	Zoophthora radicans
2970	Entomophaga praxibuli	3045	Metarhizium brunneum	3119	Zoophthora radicans
2971	Isaria farinosa	3047	Purpureocillium lilacinum	3120	Beauveria bassiana
2972	Beauveria bassiana	3048	Aspergillus sp.	3121	Beauveria pseudobassiana
2974	Metarhizium brunneum	3049	Purpureocillium lilacinum	3122	Unidentified sp.
2975	Isaria farinosa	3051	Fusarium sp.	3123	Unidentified sp.
2976	Beauveria bassiana	3052	Entomophaga maimaiga	3124	Unidentified sp.
2977	Zoophthora radicans	3053	Entomophaga maimaiga	3125	Unidentified sp.
2978	Zoophthora radicans	3054	Beauveria brongniartii	3126	Pandora neoaphidis
2979	Zoophthora radicans	3055	Beauveria pseudobassiana	3127	Metarhizium anisopliae sensu lato
2980	Zoophthora radicans	3056	Metarhizium anisopliae sensu lato	3128	Unidentified sp.

3129	Conidiobolus thrombooides	3199	Beauveria bassiana	3270	Mariannaea sp.
3130	Batkoa apiculata	3200	Pandora blunckii	3271	Tolyphocladium geodes
3131	Batkoa sp.	3201	Pandora sp.	3272	Tolyphocladium geodes
3132	Conidiobolus obscurus	3202	Pandora blunckii	3273	Tolyphocladium geodes
3133	Conidiobolus obscurus	3203	Scopulariopsis sp.	3274	Tolyphocladium geodes
3134	Conidiobolus obscurus	3204	Zoophthora radicans	3275	Tolyphocladium geodes
3135	Conidiobolus obscurus	3205	Zoophthora radicans	3276	Tolyphocladium inflatum
3136	Batkoa apiculata	3206	Zoophthora radicans	3277	Tolyphocladium inflatum
3137	Conidiobolus obscurus	3207	Hirsutella rhossiliensis	3278	Tolyphocladium inflatum
3138	Conidiobolus obscurus	3208	Conidiobolus sp.	3279	Tolyphocladium inflatum
3139	Conidiobolus obscurus	3209	Unidentified sp.	3280	Tolyphocladium inflatum
3140	Batkoa apiculata	3210	Metarhizium pingshaense	3281	Tolyphocladium inflatum
3141	Conidiobolus obscurus	3211	Metarhizium robertsii	3282	Strongwellsea castrans
3142	Unidentified / Hyphomycetes	3212	Entomophaga aulicae	3283	Zoophthora radicans
3143	Aspergillus niger	3213	Zoophthora radicans	3284	Zoophthora radicans
3144	Aspergillus flavus	3214	Zoophthora radicans	3285	Beauveria bassiana
3145	Metarhizium anisopliae var. majus	3215	Beauveria bassiana	3286	Beauveria bassiana
3146	Metarhizium anisopliae sensu lato	3216	Beauveria pseudobassiana	3287	Beauveria bassiana
3147	Metarhizium anisopliae sensu lato	3217	Zoophthora radicans	3288	Beauveria bassiana
3148	Metarhizium anisopliae sensu lato	3218	Fusarium acuminatum	3289	Beauveria sp.
3149	Zoophthora radicans	3219	Beauveria bassiana	3290	Metarhizium anisopliae sensu lato
3150	Zoophthora radicans	3220	Beauveria pseudobassiana	3291	Metarhizium anisopliae sensu lato
3151	Zoophthora radicans	3221	Isaria farinosa	3292	Metarhizium anisopliae sensu lato
3152	Isaria farinosa	3222	Conidiobolus coronatus	3293	Metarhizium anisopliae sensu lato
3153	Beauveria pseudobassiana	3223	Fusarium moniliforme var. intermedium	3294	Metarhizium brunneum
3154	Beauveria bassiana	3225	Batkoa apiculata	3295	Metarhizium brunneum
3155	Beauveria bassiana	3226	Batkoa apiculata	3296	Fusarium sp.
3156	Beauveria bassiana	3227	Unidentified sp.	3297	Metarhizium brunneum
3157	Beauveria bassiana	3228	Unidentified sp.	3298	Unidentified sp.
3158	Beauveria bassiana	3229	Erynia curvispora	3299	Unidentified sp.
3159	Zoophthora radicans	3230	Unidentified sp.	3300	Fusarium sp.
3160	Zoophthora radicans	3231	Unidentified sp.	3301	Nomuraea rileyi
3161	Zoophthora radicans	3232	Unidentified sp.	3302	Isaria fumosorosea
3162	Zoophthora radicans	3233	Unidentified sp.	3303	Isaria javanica
3163	Zoophthora radicans	3234	Pandora neoaphidis	3304	Unidentified sp.
3164	Zoophthora radicans	3235	Unidentified sp.	3305	Metarhizium anisopliae sensu lato
3165	Zoophthora radicans	3236	Unidentified sp.	3306	Metarhizium anisopliae sensu lato
3166	Beauveria bassiana	3237	Pandora neoaphidis	3307	Metarhizium anisopliae sensu lato
3167	Beauveria bassiana	3238	Pandora neoaphidis	3308	Metarhizium anisopliae sensu lato
3168	Beauveria bassiana	3239	Unidentified sp.	3309	Beauveria bassiana
3169	Beauveria bassiana	3240	Pandora neoaphidis	3310	Beauveria bassiana
3170	Zoophthora radicans	3241	Pandora neoaphidis	3311	Beauveria bassiana
3171	Zoophthora radicans	3242	Unidentified sp.	3312	Beauveria bassiana
3172	Zoophthora radicans	3243	Unidentified sp.	3313	Isaria fumosorosea
3173	Haptocillium balanoides	3244	Erynia curvispora	3314	Pochonia chlamydosporia
3174	Pandora neoaphidis	3245	Unidentified sp.	3315	Mariannaea sp.
3175	Pandora neoaphidis	3246	Unidentified sp.	3316	Mariannaea sp.
3176	Aspergillus sp.	3247	Unidentified sp.	3317	Mariannaea sp.
3177	Isaria fumosorosea	3248	Pandora neoaphidis	3318	Hirsutella sp.
3178	Mixed Culture sp.	3249	Pandora neoaphidis	3319	Unidentified sp.
3179	Isaria fumosorosea	3250	Pandora neoaphidis	3320	Tolyphocladium inflatum
3180	Metarhizium pingshaense	3251	Pandora neoaphidis	3321	Tolyphocladium inflatum
3181	Beauveria bassiana	3252	Mariannaea sp.	3322	Isaria fumosorosea
3182	Mixed Culture sp.	3253	Lecanicillium sp.	3323	Hirsutella thompsonii
3183	Isaria farinosa	3254	Lecanicillium sp.	3324	Lecanicillium muscarium
3184	Isaria farinosa	3255	Lecanicillium sp.	3325	Aspergillus ochraceus
3185	Isaria farinosa	3257	Mariannaea sp.	3326	Lagenidium giganteum
3186	Isaria farinosa	3258	Mariannaea sp.	3327	Lagenidium giganteum
3187	Metarhizium anisopliae sensu stricto	3259	Lecanicillium sp.	3329	Metarhizium anisopliae sensu lato
3188	Isaria fumosorosea	3260	Lecanicillium sp.	3330	Metarhizium anisopliae sensu lato
3189	Scopulariopsis sp.	3261	Mariannaea sp.	3331	Metarhizium anisopliae sensu lato
3190	Metarhizium anisopliae sensu lato	3262	Mariannaea sp.	3332	Metarhizium anisopliae sensu lato
3191	Isaria farinosa	3263	Mariannaea sp.	3333	Metarhizium anisopliae sensu lato
3192	Isaria amoenerosea	3264	Mariannaea sp.	3334	Metarhizium anisopliae sensu lato
3193	Metarhizium pingshaense	3265	Mariannaea sp.	3335	Metarhizium anisopliae sensu lato
3194	Metarhizium anisopliae sensu lato	3266	Hirsutella sp.	3336	Metarhizium anisopliae sensu lato
3195	Aspergillus sp.	3267	Mariannaea sp.	3337	Metarhizium anisopliae sensu lato
3196	Metarhizium anisopliae sensu lato	3268	Mariannaea sp.	3338	Metarhizium anisopliae sensu lato
3197	Beauveria bassiana	3269	Mariannaea sp.	3339	Metarhizium anisopliae sensu lato
3198	Beauveria bassiana			3340	Metarhizium anisopliae sensu lato

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3341	Metarhizium acridum	3412	Pandora neoaphidis	3483	Fusarium torulosum
3342	Zoophthora phytomomi	3413	Unidentified sp.	3484	Pandora delphacis
3343	Zoophthora phytomomi	3414	Conidiobolus coronatus	3485	Strongwellsea castrans
3344	Zoophthora phytomomi	3415	Conidiobolus coronatus	3486	Zoophthora sp.
3345	Fusarium sp.	3416	Lecanicillium psalliotae	3487	Zoophthora sp.
3346	Drechmeria coniospora	3417	Unidentified sp.	3488	Zoophthora sp.
3347	Arthrobotrys oligospora	3418	Lecanicillium muscarium	3490	Isaria farinosa
3348	Monacrosporium ellipsosporum	3419	Unidentified sp.	3491	Isaria farinosa
3349	Monacrosporium cionopagum	3420	Unidentified sp.	3492	Isaria farinosa
3350	Haptocillium balanooides	3421	Unidentified sp.	3493	Isaria farinosa
3351	Nematoctonus sp.	3422	Unidentified sp.	3494	Isaria farinosa
3354	Drechmeria coniospora	3423	Unidentified sp.	3495	Isaria farinosa
3355	Zoophthora radicans	3424	Unidentified sp.	3496	Isaria farinosa
3356	Entomophaga praxibuli	3425	Unidentified sp.	3497	Isaria farinosa
3357	Entomophaga praxibuli	3426	Unidentified sp.	3498	Isaria farinosa
3358	Entomophaga praxibuli	3427	Unidentified sp.	3499	Isaria farinosa
3359	Conidiobolus thrombooides	3428	Unidentified sp.	3500	Isaria farinosa
3360	Conidiobolus thrombooides	3429	Isaria fumosorosea	3501	Isaria farinosa
3361	Conidiobolus thrombooides	3430	Aspergillus flavus	3502	Isaria farinosa
3362	Conidiobolus thrombooides	3431	Tolypocladium microsporum	3503	Isaria farinosa
3363	Conidiobolus thrombooides	3432	Tolypocladium inflatum	3504	Isaria farinosa
3364	Conidiobolus thrombooides	3433	Tolypocladium inflatum	3505	Isaria farinosa
3365	Pandora neoaphidis	3434	Tolypocladium nubicola	3506	Isaria farinosa
3366	Pandora neoaphidis	3435	Tolypocladium nubicola	3507	Isaria farinosa
3367	Pandora neoaphidis	3436	Tolypocladium parasiticum	3508	Isaria farinosa
3368	Unidentified sp.	3437	Beauveria bassiana	3509	Hirsutella brownorum
3369	Arthrobotrys oligospora var. oligospora	3438	Beauveria bassiana	3510	Beauveria sp.
3370	Arthrobotrys oligospora var. oligospora	3439	Beauveria bassiana	3511	Purpureocillium lilacinum
3371	Drechslerella dactyloides	3440	Beauveria bassiana	3512	Purpureocillium lilacinum
3372	Drechslerella dactyloides	3441	Beauveria bassiana	3513	Beauveria bassiana
3373	Drechslerella dactyloides	3442	Beauveria bassiana	3514	Beauveria bassiana
3374	Unidentified sp.	3443	Beauveria bassiana	3515	Beauveria bassiana
3375	Cladosporium cladosporioides	3444	Beauveria bassiana	3516	Beauveria bassiana
3376	Zoophthora radicans	3445	Beauveria bassiana	3517	Isaria farinosa
3377	Zoophthora radicans	3446	Beauveria bassiana	3518	Isaria farinosa
3378	Unidentified sp.	3447	Beauveria bassiana	3519	Isaria farinosa
3379	Conidiobolus coronatus	3448	Beauveria bassiana	3520	Isaria farinosa
3380	Unidentified sp.	3449	Beauveria bassiana	3521	Isaria farinosa
3381	Unidentified sp.	3450	Beauveria bassiana	3522	Isaria farinosa
3382	Fusarium sp.	3451	Beauveria bassiana	3523	Isaria farinosa
3383	Conidiobolus sp.	3452	Beauveria bassiana	3524	Isaria farinosa
3384	Conidiobolus sp.	3453	Beauveria bassiana	3525	Isaria farinosa
3385	Beauveria bassiana	3454	Beauveria bassiana	3526	Isaria farinosa
3386	Beauveria bassiana	3455	Beauveria bassiana	3527	Beauveria bassiana
3387	Lecanicillium lecanii	3456	Beauveria bassiana	3528	Beauveria pseudobassiana
3388	Metarhizium robertsii	3457	Beauveria bassiana	3529	Beauveria pseudobassiana
3389	Metarhizium anisopliae sensu lato	3458	Isaria fumosorosea	3530	Beauveria bassiana
3390	Zoophthora radicans	3459	Pandora neoaphidis	3531	Lecanicillium muscarium
3391	Metarhizium acridum	3460	Beauveria bassiana	3532	Fusarium sp.
3392	Tolypocladium cylindrosporum	3461	Isaria farinosa	3533	Isaria farinosa
3393	Tolypocladium cylindrosporum	3462	Beauveria bassiana	3534	Beauveria bassiana
3394	Tolypocladium inflatum	3463	Cladosporium cladosporioides	3535	Mucor sp.
3395	Tolypocladium inflatum	3464	Lecanicillium muscarium	3536	Unidentified sp.
3396	Tolypocladium inflatum	3466	Unidentified sp.	3537	Isaria farinosa
3398	Tolypocladium inflatum	3467	Unidentified sp.	3538	Isaria farinosa
3399	Tolypocladium tundrense	3468	Unidentified sp.	3539	Pochonia chlamydosporia
3400	Tolypocladium tundrense	3469	Purpureocillium lilacinum	3540	Metarhizium robertsii
3401	Tolypocladium tundrense	3470	Unidentified sp.	3541	Metarhizium anisopliae sensu lato
3402	Conidiobolus sp.	3471	Unidentified sp.	3542	Metarhizium anisopliae sensu lato
3403	Beauveria bassiana	3472	Mixed Culture sp.	3543	Beauveria bassiana
3404	Beauveria bassiana	3473	Unidentified sp.	3544	Metarhizium anisopliae sensu lato
3405	Beauveria pseudobassiana	3474	Unidentified sp.	3545	Paecilomyces sp.
3406	Conidiobolus sp.	3475	Unidentified sp.	3546	Hirsutella sp.
3407	Conidiobolus sp.	3476	Unidentified sp.	3547	Verticillium sp.
3408	Isaria fumosorosea	3477	Beauveria bassiana	3548	Hirsutella sp.
3409	Conidiobolus sp.	3478	Unidentified sp.	3549	Mariannaea sp.
3410	Pandora neoaphidis	3479	Metarhizium anisopliae sensu lato	3550	Verticillium sp.
3411	Pandora neoaphidis	3480	Isaria fumosorosea	3551	Verticillium sp.
		3481	Purpureocillium lilacinum	3552	Verticillium sp.
		3482	Hirsutella thompsonii	3553	Hirsutella sp.

3554	Mariannaea sp.	3624	Unidentified sp.	3694	Fusarium polyphialidicum
3555	Mariannaea sp.	3625	Unidentified sp.	3695	Fusarium polyphialidicum
3556	Verticillium sp.	3626	Unidentified sp.	3696	Fusarium polyphialidicum
3557	Mariannaea sp.	3627	Unidentified sp.	3697	Zoophthora radicans
3558	Mariannaea sp.	3628	Unidentified sp.	3698	Aspergillus sp.
3559	Mariannaea sp.	3629	Unidentified sp.	3699	Isaria fumosorosea
3560	Unidentified sp.	3630	Unidentified sp.	3700	Isaria fumosorosea
3561	Verticillium sp.	3631	Unidentified sp.	3701	Lecanicillium longisporum
3562	Mariannaea sp.	3632	Unidentified sp.	3702	Sterile mycelium
3563	Mariannaea sp.	3633	Unidentified sp.	3703	Sterile mycelium
3564	Isaria farinosa	3634	Unidentified sp.	3704	Fusarium sp.
3565	Metarhizium anisopliae sensu lato	3635	Unidentified sp.	3705	Sterile mycelium
3566	Paecilomyces sp.	3636	Unidentified sp.	3706	Cladosporium sp.
3567	Unidentified sp.	3637	Unidentified sp.	3707	Fusarium sp.
3568	Unidentified sp.	3638	Unidentified sp.	3708	Trichothecium roseum
3569	Unidentified sp.	3639	Unidentified sp.	3709	Lecanicillium muscarium
3570	Unidentified sp.	3640	Unidentified sp.	3710	Sterile mycelium
3571	Unidentified sp.	3641	Unidentified sp.	3711	Sterile mycelium
3572	Isaria farinosa	3642	Unidentified sp.	3712	Sterile mycelium
3573	Isaria javanica	3643	Unidentified sp.	3713	Metarhizium anisopliae sensu lato
3574	Isaria farinosa	3644	Unidentified sp.	3714	Unidentified sp.
3575	Isaria farinosa	3645	Unidentified sp.	3715	Verticillium insectorum
3576	Isaria farinosa	3646	Unidentified sp.	3716	Beauveria bassiana
3577	Isaria javanica	3647	Unidentified sp.	3717	Beauveria bassiana
3578	Isaria farinosa	3648	Unidentified sp.	3718	Cordyceps sp.
3579	Isaria farinosa	3649	Unidentified sp.	3719	Unidentified sp.
3580	Isaria farinosa	3650	Unidentified sp.	3720	Metarhizium anisopliae sensu lato
3581	Isaria fumosorosea	3651	Unidentified sp.	3721	Metarhizium robertsii
3582	Isaria farinosa	3652	Unidentified sp.	3722	Unidentified sp.
3583	Isaria farinosa	3653	Unidentified sp.	3723	Monacrosporium ellipsosporum
3584	Isaria farinosa	3654	Unidentified sp.	3724	Unidentified sp.
3585	Isaria farinosa	3655	Unidentified sp.	3725	Sterile mycelium
3586	Isaria farinosa	3656	Unidentified sp.	3726	Unidentified sp.
3587	Isaria farinosa	3657	Unidentified sp.	3727	Unidentified sp.
3588	Isaria farinosa	3658	Isaria farinosa	3728	Unidentified sp.
3589	Isaria farinosa	3659	Isaria farinosa	3729	Unidentified sp.
3590	Isaria fumosorosea	3660	Isaria fumosorosea	3730	Arthrobotrys musiformis
3591	Isaria farinosa	3661	Isaria farinosa	3731	Monacrosporium ellipsosporum
3592	Isaria farinosa	3662	Isaria fumosorosea	3732	Arthrobotrys oligospora
3593	Isaria farinosa	3663	Isaria fumosorosea	3733	Drechslerella dactyloides
3594	Isaria fumosorosea	3664	Isaria farinosa	3734	Beauveria bassiana
3595	Isaria farinosa	3665	Isaria farinosa	3735	Sterile mycelium
3596	Isaria farinosa	3666	Isaria farinosa	3736	Podonectria coccicola
3597	Isaria farinosa	3667	Beauveria bassiana	3737	Zoophthora radicans
3598	Isaria farinosa	3668	Fusarium sp.	3738	Metarhizium brunneum
3599	Isaria farinosa	3669	Fusarium sp.	3739	Unidentified sp.
3600	Lecanicillium muscarium	3670	Fusarium sp.	3740	Lecanicillium muscarium
3601	Lecanicillium muscarium	3671	Fusarium sp.	3741	Verticillium lecanii
3602	Entomophaga aulicae	3672	Fusarium sp.	3742	Verticillium lecanii
3603	Metarhizium guizhouense	3673	Fusarium sp.	3743	Verticillium lecanii
3604	Metarhizium pingshaense	3674	Fusarium sp.	3744	Hirsutella rhossiliensis
3605	Metarhizium anisopliae sensu lato	3675	Fusarium sp.	3745	Hirsutella rhossiliensis
3606	Metarhizium anisopliae var. acridum	3676	Fusarium sp.	3746	Hirsutella rhossiliensis
3607	Beauveria bassiana	3677	Fusarium sp.	3747	Hirsutella rhossiliensis
3608	Metarhizium robertsii	3678	Fusarium sp.	3748	Hirsutella rhossiliensis
3609	Metarhizium acridum	3679	Fusarium sp.	3750	Hirsutella rhossiliensis
3610	Metarhizium pingshaense	3680	Aphanocladium album	3751	Hirsutella rhossiliensis
3611	Metarhizium guizhouense	3681	Beauveria bassiana	3752	Hirsutella rhossiliensis
3612	Metarhizium acridum	3682	Isaria fumosorosea	3753	Hirsutella rhossiliensis
3613	Metarhizium sp.	3683	Lecanicillium lecanii	3754	Hirsutella rhossiliensis
3614	Metarhizium anisopliae var. acridum	3684	Lecanicillium muscarium	3755	Hirsutella rhossiliensis
3615	Metarhizium sp.	3685	Lecanicillium muscarium	3756	Hirsutella rhossiliensis
3616	Metarhizium sp.	3686	Lecanicillium muscarium	3757	Hirsutella rhossiliensis
3617	Metarhizium sp.	3687	Lecanicillium muscarium(?)	3758	Hirsutella rhossiliensis
3618	Metarhizium sp.	3688	Lecanicillium lecanii	3759	Hirsutella rhossiliensis
3619	Metarhizium anisopliae sensu lato	3689	Lecanicillium lecanii(?)	3760	Hirsutella rhossiliensis
3620	Beauveria bassiana	3690	Lecanicillium muscarium	3761	Hirsutella rhossiliensis
3621	Metarhizium anisopliae sensu stricto	3691	Lecanicillium muscarium	3762	Entomophaga maimaiga
3622	Beauveria bassiana	3692	Fusarium polyphialidicum	3763	Conidiobolus sp.
3623	Zoophthora radicans	3693	Fusarium polyphialidicum	3764	Basidiobolus sp.

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3765	Hirsutella rhossiliensis	3848	Isaria fumosorosea	3945	Unidentified sp.
3766	Unidentified sp.	3849	Unidentified sp.	3947	Unidentified sp.
3767	Metarhizium sp.	3850	Unidentified sp.	3962	Unidentified sp.
3768	Paecilomyces sp.	3851	Isaria fumosorosea	3965	Beauveria pseudobassiana
3769	Beauveria bassiana	3852	Isaria fumosorosea	3966	Beauveria bassiana
3770	Verticillium lecanii	3853	Paecilomyces sp.	3967	Beauveria bassiana
3771	Isaria farinosa	3854	Purpureocillium lilacinum	3968	Beauveria bassiana
3772	Paecilomyces sp.	3855	Paecilomyces marquandii	3969	Beauveria bassiana
3773	Unidentified sp.	3856	Unidentified sp.	3970	Beauveria bassiana
3774	Paecilomyces sp.	3857	Isaria fumosorosea	3972	Beauveria bassiana
3775	Paecilomyces sp.	3858	Beauveria bassiana	3973	Beauveria bassiana
3776	Isaria javanica	3859	Beauveria sp.	3974	Beauveria bassiana
3777	Paecilomyces sp.	3860	Unidentified sp.	3975	Beauveria bassiana
3778	Isaria javanica	3861	Lecanicillium muscarium	3976	Fusarium sp.
3779	Unidentified sp.	3862	Verticillium lecanii	3977	Beauveria bassiana
3780	Paecilomyces sp.	3864	Metarhizium brunneum	3978	Beauveria bassiana
3781	Paecilomyces sp.	3866	Beauveria bassiana	3979	Beauveria bassiana
3782	Paecilomyces sp.	3867	Beauveria bassiana	3980	Unidentified sp.
3783	Paecilomyces sp.	3868	Sterile mycelium	3981	Isaria javanica
3784	Paecilomyces sp.	3869	Unidentified sp.	3983	Isaria farinosa
3785	Paecilomyces sp.	3870	Paecilomyces sp.	3990	Unidentified sp.
3786	Paecilomyces sp.	3871	Paecilomyces sp.	3991	Unidentified sp.
3787	Paecilomyces sp.	3872	Paecilomyces sp.	3992	Unidentified sp.
3788	Paecilomyces sp.	3873	Paecilomyces sp.	3993	Unidentified sp.
3790	Tolypocladium inflatum	3874	Paecilomyces sp.	3994	Unidentified sp.
3791	Fusarium sp.	3875	Paecilomyces sp.	3995	Beauveria bassiana
3792	Cladosporium herbarum	3876	Unidentified sp.	3996	Beauveria bassiana
3793	Unidentified sp.	3877	Paecilomyces sp.	3997	Unidentified sp.
3794	Unidentified sp.	3878	Isaria fumosorosea	3998	Unidentified sp.
3796	Unidentified sp.	3879	Hirsutella rhossiliensis	3999	Beauveria bassiana
3797	Unidentified sp.	3880	Entomophaga maimaiga	4000	Unidentified sp.
3798	Unidentified sp.	3881	Verticillium lecanii	4001	Beauveria bassiana
3799	Unidentified sp.	3882	Lecanicillium lecanii(?)	4002	Fusarium sp.
3800	Isaria fumosorosea	3883	Lecanicillium lecanii(?)	4003	Unidentified sp.
3801	Unidentified sp.	3884	Lecanicillium lecanii(?)	4004	Entomophaga aulicae
3802	Unidentified sp.	3887	Entomophaga maimaiga	4005	Entomophaga aulicae
3803	Unidentified sp.	3888	Ophiocordyceps bisporus	4006	Entomophaga aulicae
3804	Unidentified sp.	3889	Isaria fumosorosea	4007	Entomophaga aulicae
3805	Unidentified sp.	3890	Beauveria bassiana	4008	Entomophaga aulicae
3806	Unidentified sp.	3891	Beauveria bassiana	4009	Sterile mycelium
3807	Unidentified sp.	3892	Beauveria bassiana	4010	Isaria farinosa
3818	Beauveria bassiana	3894	Unidentified sp.	4011	Fusarium sp.
3819	Beauveria bassiana	3897	Beauveria bassiana	4012	Beauveria bassiana
3820	Unidentified / Hyphomycetes	3902	Verticillium lecanii	4013	Beauveria bassiana
3821	Unidentified sp.	3903	Verticillium lecanii	4014	Beauveria bassiana
3822	Metarhizium anisopliae sensu lato	3904	Verticillium lecanii	4015	Beauveria bassiana
3824	Isaria fumosorosea	3905	Beauveria bassiana	4016	Beauveria bassiana
3825	Beauveria bassiana	3906	Beauveria bassiana	4017	Beauveria bassiana
3826	Metarhizium brunneum	3907	Beauveria bassiana	4018	Beauveria bassiana
3827	Metarhizium anisopliae sensu lato	3908	Beauveria bassiana	4019	Beauveria bassiana
3828	Entomophaga maimaiga	3909	Verticillium lecanii	4020	Metarhizium brunneum
3829	Entomophaga maimaiga	3913	Entomophaga maimaiga	4021	Beauveria bassiana
3830	Entomophaga maimaiga	3916	Fusarium polypodialicum	4022	Verticillium lecanii
3831	Entomophaga maimaiga	3917	Isaria fumosorosea	4023	Beauveria bassiana
3832	Entomophaga maimaiga	3918	Metarhizium anisopliae sensu lato	4024	Beauveria brongniartii
3833	Entomophaga maimaiga	3919	Metarhizium anisopliae sensu lato	4025	Verticillium lecanii
3834	Entomophaga maimaiga	3920	Metarhizium anisopliae sensu lato	4026	Beauveria bassiana
3835	Entomophaga maimaiga	3924	Metarhizium anisopliae sensu stricto	4027	Beauveria sp.
3836	Lecanicillium muscarium	3925	Metarhizium robertsii	4028	Beauveria bassiana
3837	Lecanicillium muscarium	3927	Beauveria bassiana	4029	Isaria farinosa
3838	Lecanicillium muscarium	3929	Beauveria sp.	4030	Beauveria bassiana
3839	Lecanicillium muscarium	3930	Metarhizium anisopliae sensu lato	4031	Beauveria bassiana
3840	Verticillium lecanii	3934	Beauveria bassiana	4032	Beauveria bassiana
3841	Unidentified sp.	3936	Beauveria sp.	4033	Lecanicillium muscarium
3842	Unidentified sp.	3937	Beauveria bassiana	4034	Beauveria bassiana
3843	Isaria fumosorosea	3938	Isaria tenuipes	4035	Beauveria bassiana
3844	Unidentified sp.	3939	Isaria tenuipes	4036	Lecanicillium muscarium
3845	Unidentified sp.	3940	Nomuraea rileyi	4037	Unidentified sp.
3846	Purpureocillium lilacinum	3943	Unidentified sp.	4038	Beauveria bassiana
3847	Unidentified sp.	3944	Unidentified sp.	4039	Isaria farinosa

4040	Isaria farinosa	4113	Beauveria bassiana	4184	Metarhizium anisopliae sensu lato
4041	Beauveria bassiana	4114	Beauveria bassiana	4185	Metarhizium anisopliae sensu lato
4043	Isaria farinosa	4115	Beauveria bassiana	4186	Metarhizium anisopliae sensu lato
4044	Isaria farinosa	4116	Beauveria bassiana	4187	Metarhizium anisopliae sensu lato
4045	Isaria farinosa	4117	Beauveria bassiana	4188	Metarhizium anisopliae sensu lato
4046	Beauveria bassiana	4118	Beauveria bassiana	4189	Metarhizium anisopliae sensu lato
4047	Verticillium lecanii	4119	Beauveria bassiana	4190	Metarhizium anisopliae sensu lato
4048	Verticillium lecanii	4120	Beauveria bassiana	4191	Metarhizium anisopliae sensu lato
4049	Beauveria bassiana	4121	Beauveria bassiana	4192	Metarhizium anisopliae sensu lato
4050	Lecanicillium longisporum	4123	Metarhizium robertsii	4193	Hirsutella sp.
4051	Beauveria bassiana	4124	Metarhizium frigidum	4194	Verticillium sp.
4052	Beauveria bassiana	4125	Metarhizium anisopliae sensu lato	4195	Verticillium sp.
4053	Beauveria bassiana	4126	Aspergillus flavus	4197	Beauveria sp.
4054	Beauveria bassiana	4127	Aspergillus tamarii	4200	Beauveria bassiana
4055	Beauveria bassiana	4128	Aspergillus parasiticus	4201	Unidentified sp.
4056	Beauveria bassiana	4129	Aspergillus parasiticus	4203	Verticillium sp.
4057	Beauveria bassiana	4130	Beauveria bassiana	4204	Unidentified sp.
4058	Acremonium sp.	4131	Metarhizium brunneum	4205	Isaria fumosorosea
4059	Acremonium sp.	4132	Metarhizium anisopliae sensu lato	4207	Aschersonia sp.
4060	Lecanicillium lecanii(?)	4133	Metarhizium anisopliae sensu lato	4208	Aschersonia sp.
4061	Verticillium lecanii	4134	Metarhizium anisopliae sensu lato	4209	Aschersonia aleurodis
4062	Acremonium psammosporum	4135	Beauveria bassiana	4210	Aschersonia sp.
4063	Acremonium sp.	4136	Beauveria bassiana	4214	Unidentified sp.
4064	Verticillium lecanii	4137	Metarhizium anisopliae sensu lato	4215	Unidentified sp.
4065	Verticillium lecanii	4138	Metarhizium anisopliae sensu lato	4219	Metarhizium frigidum
4066	Mixed Culture sp.	4139	Metarhizium anisopliae sensu lato	4220	Metarhizium anisopliae sensu lato
4067	Verticillium lecanii	4140	Unidentified sp.	4221	Metarhizium flavoviride
4068		4141	Metarhizium anisopliae sensu lato	4222	Beauveria pseudobassiana
4069	Verticillium lecanii	4142	Metarhizium anisopliae sensu lato	4223	Penicillium sp.
4070	Verticillium lecanii	4143	Penicillium sp.	4224	Metarhizium anisopliae sensu lato
4071	Verticillium lecanii	4144	Penicillium sp.	4225	Metarhizium anisopliae sensu lato
4072	Verticillium lecanii	4145	Mixed Culture sp.	4226	Metarhizium anisopliae sensu lato
4073	Verticillium lecanii	4146	Penicillium sp.	4227	Metarhizium robertsii
4074	Verticillium sp.	4147	Unidentified sp.	4228	Metarhizium brunneum
4075	Verticillium lecanii	4148	Penicillium sp.	4229	Metarhizium anisopliae sensu lato
4076	Verticillium lecanii	4149	Beauveria amorphia	4230	Metarhizium anisopliae sensu lato
4077	Verticillium lecanii	4150	Beauveria pseudobassiana	4232	Metarhizium anisopliae sensu lato
4078		4151	Metarhizium anisopliae sensu lato	4233	Unidentified / Hyphomycetes
4079	Verticillium lecanii	4152	Metarhizium brunneum	4234	Metarhizium anisopliae sensu lato
4080	Ophiocordyceps variabilis	4153	Metarhizium guizhouense	4235	Metarhizium anisopliae sensu lato
4081	Cordyceps militaris	4154	Metarhizium lepidiotae	4236	Metarhizium anisopliae sensu lato
4082	Cordyceps militaris	4155	Metarhizium anisopliae sensu lato	4237	Sterile mycelium
4083	Cordyceps militaris	4156	Metarhizium anisopliae sensu lato	4238	Fusarium sp.
4084	Cordyceps militaris	4157	Metarhizium anisopliae sensu lato	4239	Metarhizium anisopliae sensu lato
4085	Cordyceps militaris	4158	Metarhizium brunneum	4240	Beauveria pseudobassiana
4086	Cordyceps militaris	4159	Metarhizium anisopliae sensu lato	4241	Metarhizium robertsii
4087	Cordyceps militaris	4160	Metarhizium anisopliae sensu lato	4242	Metarhizium anisopliae sensu lato
4088	Cordyceps militaris	4161	Metarhizium anisopliae sensu lato	4243	Sterile mycelium
4089	Cordyceps militaris	4162	Metarhizium anisopliae sensu lato	4244	Metarhizium anisopliae sensu lato
4090	Isaria farinosa	4163	Metarhizium anisopliae sensu lato	4245	Mixed Culture sp.
4091	Beauveria bassiana	4164	Metarhizium brunneum	4246	Metarhizium anisopliae sensu lato
4092	Beauveria bassiana	4165	Metarhizium sp.	4247	Metarhizium anisopliae sensu lato
4093	Beauveria bassiana	4166	Metarhizium anisopliae sensu lato	4248	Metarhizium anisopliae sensu lato
4094	Nomuraea rileyi	4167	Metarhizium anisopliae sensu lato	4249	Metarhizium anisopliae sensu lato
4095	Metarhizium anisopliae sensu lato	4168	Metarhizium anisopliae sensu lato	4250	Metarhizium anisopliae sensu lato
4096	Isaria tenuipes	4169	Metarhizium anisopliae sensu lato	4251	Metarhizium brunneum
4097	Isaria amoenerosea	4170	Metarhizium anisopliae sensu lato	4252	Metarhizium anisopliae sensu lato
4098	Aschersonia sp.	4171	Metarhizium anisopliae sensu lato	4253	Metarhizium anisopliae sensu lato
4099	Beauveria bassiana	4172	Metarhizium anisopliae sensu lato	4254	Beauveria pseudobassiana
4100	Beauveria bassiana	4173	Metarhizium anisopliae sensu lato	4255	Metarhizium anisopliae sensu lato
4101	Beauveria bassiana	4174	Metarhizium anisopliae sensu lato	4256	Metarhizium anisopliae sensu lato
4103	Aschersonia aleurodis	4175	Metarhizium anisopliae sensu lato	4257	Metarhizium anisopliae sensu lato
4104	Aschersonia aleurodis	4176	Metarhizium anisopliae sensu lato	4258	Beauveria bassiana
4106	Beauveria bassiana	4177	Metarhizium anisopliae sensu lato	4259	Metarhizium anisopliae sensu lato
4107	Beauveria bassiana	4178	Metarhizium anisopliae sensu lato	4260	Mixed Culture sp.
4108	Beauveria bassiana	4179	Metarhizium brunneum	4261	Beauveria pseudobassiana
4109	Beauveria bassiana	4180	Metarhizium anisopliae sensu lato	4262	Metarhizium anisopliae sensu lato
4110	Beauveria bassiana	4181	Metarhizium anisopliae sensu lato	4263	Penicillium sp.
4111	Beauveria bassiana	4182	Penicillium sp.	4264	Metarhizium anisopliae sensu lato
4112	Beauveria bassiana	4183	Metarhizium anisopliae sensu lato	4265	Metarhizium anisopliae sensu lato

4266	Metarhizium anisopliae sensu lato	4336	Metarhizium anisopliae sensu lato	4407	Isaria fumosorosea
4267	Metarhizium anisopliae sensu lato	4337	Metarhizium anisopliae sensu lato	4408	Isaria fumosorosea
4268	Metarhizium anisopliae sensu lato	4338	Metarhizium anisopliae sensu lato	4409	Isaria fumosorosea
4269	Metarhizium anisopliae sensu lato	4339	Metarhizium anisopliae sensu lato	4410	Isaria fumosorosea
4270	Metarhizium anisopliae sensu lato	4340	Metarhizium anisopliae sensu lato	4411	Isaria fumosorosea
4271	Beauveria pseudobassiana	4341	Metarhizium anisopliae sensu lato	4412	Isaria farinosa
4272	Metarhizium flavoviride	4342	Metarhizium pingshaense	4413	Isaria fumosorosea
4273	Beauveria pseudobassiana	4343	Metarhizium anisopliae sensu lato	4414	Isaria fumosorosea
4274	Beauveria pseudobassiana	4344	Metarhizium anisopliae sensu lato	4415	Isaria fumosorosea
4275	Metarhizium anisopliae sensu lato	4345	Metarhizium anisopliae sensu lato	4416	Verticillium lecanii
4276	Beauveria bassiana	4346	Metarhizium anisopliae sensu lato	4417	Verticillium lecanii
4277	Metarhizium frigidum	4347	Metarhizium anisopliae sensu lato	4418	Verticillium lecanii
4278	Metarhizium anisopliae sensu lato	4348	Metarhizium anisopliae sensu lato	4419	Verticillium lecanii
4279	Metarhizium anisopliae sensu lato	4349	Metarhizium anisopliae sensu lato	4420	Verticillium lecanii
4280	Metarhizium anisopliae sensu lato	4350	Metarhizium anisopliae sensu lato	4421	Verticillium lecanii
4281	Metarhizium anisopliae sensu lato	4351	Metarhizium anisopliae sensu lato	4422	Verticillium lecanii
4282	Metarhizium anisopliae sensu lato	4352	Metarhizium anisopliae sensu lato	4423	Verticillium lecanii
4283	Metarhizium anisopliae sensu lato	4353	Beauveria pseudobassiana	4424	Aschersonia sp.
4284	Metarhizium anisopliae sensu lato	4354	Metarhizium anisopliae sensu lato	4426	Aschersonia sp.
4285	Beauveria pseudobassiana	4355	Metarhizium anisopliae sensu lato	4430	Aschersonia sp.
4286	Metarhizium anisopliae sensu lato	4356	Beauveria pseudobassiana	4431	Aschersonia sp.
4287	Metarhizium anisopliae sensu lato	4357	Metarhizium anisopliae sensu lato	4432	Aschersonia sp.
4288	Metarhizium anisopliae sensu lato	4358	Microhilum oncoperae	4433	Aschersonia sp.
4289	Beauveria bassiana	4359	Aspergillus clavatus	4434	Aschersonia sp.
4290	Metarhizium anisopliae sensu lato	4360	Colletotrichum gloeosporioides	4435	Aschersonia sp.
4291	Metarhizium anisopliae sensu lato	4361	Cladosporium herbarum	4436	Aschersonia sp.
4292	Metarhizium anisopliae sensu lato	4362	Beauveria brongniartii	4437	Aschersonia sp.
4293	Metarhizium anisopliae sensu lato	4363	Beauveria brongniartii	4438	Aschersonia sp.
4294	Metarhizium frigidum	4364	Beauveria sp.	4439	Aschersonia sp.
4295	Metarhizium anisopliae sensu lato	4365	Beauveria sp.	4440	Aschersonia sp.
4296	Metarhizium anisopliae sensu lato	4366	Metarhizium pingshaense	4441	Aschersonia sp.
4297	Beauveria pseudobassiana	4367	Aspergillus sp.	4442	Aschersonia sp.
4298	Metarhizium anisopliae sensu lato	4368	Metarhizium sp.	4443	Aschersonia sp.
4299	Metarhizium anisopliae sensu lato	4369	Metarhizium sp.	4444	Aschersonia sp.
4300	Beauveria pseudobassiana	4370	Metarhizium sp.	4445	Aschersonia sp.
4301	Beauveria pseudobassiana	4371	Metarhizium sp.	4448	Aschersonia sp.
4302	Beauveria caledonica	4372	Metarhizium sp.	4449	Aschersonia sp.
4303	Metarhizium guizhouense	4373	Metarhizium sp.	4450	Metarhizium anisopliae sensu lato
4304	Metarhizium flavoviride	4374	Metarhizium sp.	4452	Paecilomyces sp.
4305	Beauveria bassiana	4375	Metarhizium sp.	4453	Verticillium lecanii
4306	Metarhizium anisopliae sensu lato	4376	Sterile mycelium	4454	Verticillium lecanii
4307	Metarhizium anisopliae sensu lato	4377	Beauveria bassiana	4455	Verticillium lecanii
4308	Metarhizium anisopliae sensu lato	4378	Beauveria bassiana	4456	Verticillium lecanii
4309	Metarhizium anisopliae sensu lato	4379	Beauveria bassiana	4457	Verticillium lecanii
4310	Metarhizium anisopliae sensu lato	4380	Beauveria brongniartii	4458	Beauveria brongniartii
4311	Metarhizium anisopliae sensu lato	4381	Beauveria brongniartii	4459	Isaria fumosorosea
4312	Metarhizium anisopliae sensu lato	4382	Beauveria bassiana	4460	Isaria fumosorosea
4313	Metarhizium anisopliae sensu lato	4383	Isaria fumosorosea	4461	Isaria fumosorosea
4314	Metarhizium anisopliae sensu lato	4384	Beauveria asiatica	4462	Beauveria bassiana
4315	Metarhizium anisopliae sensu lato	4385	Beauveria brongniartii	4463	Beauveria bassiana
4316	Metarhizium anisopliae sensu lato	4386	Beauveria brongniartii	4464	Beauveria bassiana
4317	Metarhizium anisopliae sensu lato	4387	Mixed Culture sp.	4465	Beauveria brongniartii
4318	Metarhizium anisopliae sensu lato	4388	Beauveria brongniartii	4466	Beauveria brongniartii
4319	Metarhizium anisopliae sensu lato	4389	Beauveria brongniartii	4467	Beauveria brongniartii
4320	Beauveria pseudobassiana	4390	Beauveria sp.	4468	Beauveria brongniartii
4321	Metarhizium guizhouense	4391	Beauveria sp.	4469	Beauveria brongniartii
4322	Metarhizium anisopliae sensu lato	4392	Beauveria sp.	4470	Beauveria brongniartii
4323	Metarhizium anisopliae sensu lato	4393	Beauveria sp.	4471	Beauveria brongniartii
4324	Metarhizium anisopliae sensu lato	4394	Beauveria sp.	4472	Beauveria brongniartii
4325	Metarhizium anisopliae sensu lato	4395	Beauveria sp.	4473	Beauveria brongniartii
4326	Beauveria pseudobassiana	4396	Beauveria sp.	4474	Beauveria asiatica
4327	Metarhizium anisopliae sensu lato	4397	Beauveria sp.	4475	Beauveria brongniartii
4328	Metarhizium anisopliae sensu lato	4398	Verticillium sp.	4476	Beauveria brongniartii
4329	Metarhizium anisopliae sensu lato	4399	Verticillium sp.	4477	Beauveria brongniartii
4330	Metarhizium anisopliae sensu lato	4400	Isaria fumosorosea	4478	Beauveria brongniartii
4331	Metarhizium anisopliae sensu lato	4401	Isaria fumosorosea	4479	Isaria fumosorosea
4332	Metarhizium anisopliae sensu lato	4402	Verticillium sp.	4480	Isaria fumosorosea
4333	Metarhizium anisopliae sensu lato	4403	Mixed Culture sp.	4481	Isaria fumosorosea
4334	Metarhizium anisopliae sensu lato	4404	Isaria fumosorosea	4482	Isaria fumosorosea
4335	Metarhizium anisopliae sensu lato	4406	Isaria fumosorosea	4483	Isaria fumosorosea

4484	<i>Isaria fumosorosea</i>	4564	<i>Beauveria pseudobassiana</i>	4635	<i>Metarhizium anisopliae sensu lato</i>
4485	<i>Isaria fumosorosea</i>	4565	<i>Metarhizium anisopliae sensu lato</i>	4636	<i>Metarhizium anisopliae sensu lato</i>
4486	<i>Isaria fumosorosea</i>	4566	<i>Metarhizium majus</i>	4637	<i>Metarhizium anisopliae sensu lato</i>
4487	<i>Isaria fumosorosea</i>	4567	<i>Metarhizium anisopliae sensu lato</i>	4638	<i>Metarhizium anisopliae sensu lato</i>
4488	<i>Isaria fumosorosea</i>	4568	<i>Metarhizium anisopliae sensu lato</i>	4639	<i>Metarhizium anisopliae sensu lato</i>
4489	<i>Isaria fumosorosea</i>	4569	<i>Metarhizium anisopliae sensu lato</i>	4640	<i>Metarhizium anisopliae sensu lato</i>
4490	<i>Isaria fumosorosea</i>	4570	<i>Metarhizium anisopliae sensu lato</i>	4641	<i>Metarhizium anisopliae sensu lato</i>
4491	<i>Isaria fumosorosea</i>	4571	<i>Beauveria pseudobassiana</i>	4643	<i>Metarhizium anisopliae sensu lato</i>
4492	<i>Isaria fumosorosea</i>	4572	<i>Metarhizium anisopliae sensu lato</i>	4644	<i>Beauveria pseudobassiana</i>
4493	<i>Isaria fumosorosea</i>	4573	<i>Metarhizium anisopliae sensu lato</i>	4645	<i>Metarhizium anisopliae sensu lato</i>
4494	<i>Isaria fumosorosea</i>	4574	<i>Metarhizium anisopliae sensu lato</i>	4646	<i>Metarhizium anisopliae sensu lato</i>
4495	<i>Isaria fumosorosea</i>	4575	<i>Tolyphocladium inflatum</i>	4647	<i>Metarhizium anisopliae sensu lato</i>
4496	<i>Isaria fumosorosea</i>	4576	<i>Metarhizium anisopliae sensu lato</i>	4648	<i>Metarhizium anisopliae sensu lato</i>
4497	<i>Isaria fumosorosea</i>	4577	<i>Metarhizium anisopliae sensu lato</i>	4649	<i>Metarhizium anisopliae sensu lato</i>
4498	<i>Isaria fumosorosea</i>	4578	<i>Metarhizium anisopliae sensu lato</i>	4650	<i>Metarhizium anisopliae sensu lato</i>
4499	<i>Isaria fumosorosea</i>	4579	<i>Metarhizium anisopliae sensu lato</i>	4651	<i>Metarhizium anisopliae sensu lato</i>
4501	<i>Isaria fumosorosea</i>	4580	<i>Beauveria australis</i>	4652	<i>Metarhizium anisopliae sensu lato</i>
4502	<i>Isaria fumosorosea</i>	4581	<i>Metarhizium anisopliae sensu lato</i>	4653	<i>Metarhizium anisopliae sensu lato</i>
4503	<i>Isaria fumosorosea</i>	4582	<i>Metarhizium anisopliae sensu lato</i>	4654	<i>Metarhizium anisopliae sensu lato</i>
4504	<i>Entomophaga maimaiga</i>	4583	<i>Beauveria pseudobassiana</i>	4655	<i>Metarhizium anisopliae sensu lato</i>
4505	<i>Entomophaga maimaiga</i>	4584	<i>Metarhizium anisopliae sensu lato</i>	4657	<i>Metarhizium anisopliae sensu lato</i>
4506	<i>Entomophaga maimaiga</i>	4585	<i>Metarhizium anisopliae sensu lato</i>	4658	<i>Beauveria pseudobassiana</i>
4507	<i>Entomophaga maimaiga</i>	4586	<i>Metarhizium anisopliae sensu lato</i>	4660	<i>Metarhizium lepidiotae</i>
4508	<i>Entomophaga maimaiga</i>	4587	<i>Metarhizium lepidiotae</i>	4661	<i>Metarhizium anisopliae sensu lato</i>
4509	<i>Entomophaga maimaiga</i>	4588	<i>Metarhizium guizhouense</i>	4663	<i>Metarhizium anisopliae sensu lato</i>
4510	<i>Entomophaga maimaiga</i>	4589	<i>Beauveria bassiana</i>	4664	<i>Metarhizium anisopliae sensu lato</i>
4511	<i>Hirsutella sp.</i>	4590	<i>Metarhizium anisopliae sensu lato</i>	4665	<i>Metarhizium anisopliae sensu lato</i>
4512	<i>Hirsutella versicolor</i>	4591	<i>Metarhizium anisopliae sensu lato</i>	4666	<i>Penicillium sp.</i>
4513	<i>Hirsutella sp.</i>	4592	<i>Metarhizium anisopliae sensu lato</i>	4668	<i>Metarhizium anisopliae sensu lato</i>
4514	<i>Hirsutella sp.</i>	4593	<i>Metarhizium anisopliae sensu lato</i>	4669	<i>Metarhizium anisopliae sensu lato</i>
4515	<i>Hirsutella sp.</i>	4594	<i>Metarhizium anisopliae sensu lato</i>	4670	<i>Beauveria pseudobassiana</i>
4517	<i>Hirsutella cryptosclerotium</i>	4595	<i>Metarhizium anisopliae sensu lato</i>	4671	<i>Metarhizium anisopliae sensu lato</i>
4518	<i>Ophiocordyceps bisporus</i>	4596	<i>Metarhizium anisopliae sensu lato</i>	4672	<i>Beauveria bassiana</i>
4519	<i>Lecanicillium flavidum</i>	4598	<i>Beauveria australis</i>	4673	<i>Metarhizium anisopliae sensu lato</i>
4520	<i>Zoophthora radicans</i>	4599	<i>Metarhizium anisopliae sensu lato</i>	4674	<i>Metarhizium anisopliae sensu lato</i>
4522	<i>Metarhizium anisopliae sensu lato</i>	4600	<i>Metarhizium anisopliae sensu lato</i>	4676	<i>Metarhizium anisopliae sensu lato</i>
4523	<i>Beauveria bassiana</i>	4601	<i>Metarhizium majus</i>	4677	<i>Metarhizium anisopliae sensu lato</i>
4524	<i>Beauveria bassiana</i>	4602	<i>Metarhizium anisopliae sensu lato</i>	4678	<i>Metarhizium anisopliae sensu lato</i>
4525	<i>Beauveria bassiana</i>	4603	<i>Metarhizium anisopliae sensu lato</i>	4680	<i>Metarhizium frigidum</i>
4526	<i>Beauveria bassiana</i>	4604	<i>Metarhizium guizhouense</i>	4681	<i>Metarhizium anisopliae sensu lato</i>
4527	<i>Beauveria bassiana</i>	4605	<i>Metarhizium acridum</i>	4682	<i>Metarhizium anisopliae sensu lato</i>
4528	<i>Beauveria bassiana</i>	4606	<i>Metarhizium anisopliae sensu lato</i>	4683	<i>Metarhizium anisopliae sensu lato</i>
4529	<i>Beauveria bassiana</i>	4607	<i>Beauveria bassiana</i>	4684	<i>Metarhizium anisopliae sensu lato</i>
4530	<i>Beauveria bassiana</i>	4608	<i>Metarhizium anisopliae sensu lato</i>	4685	<i>Beauveria bassiana</i>
4531	<i>Beauveria bassiana</i>	4609	<i>Metarhizium anisopliae sensu lato</i>	4687	<i>Metarhizium anisopliae sensu lato</i>
4532	<i>Beauveria bassiana</i>	4610	<i>Metarhizium pingshaense</i>	4688	<i>Beauveria bassiana</i>
4533	<i>Beauveria bassiana</i>	4611	<i>Beauveria pseudobassiana</i>	4689	<i>Unidentified / Hyphomycetes</i>
4534	<i>Beauveria bassiana</i>	4612	<i>Beauveria pseudobassiana</i>	4690	<i>Unidentified / Hyphomycetes</i>
4535	<i>Beauveria bassiana</i>	4613	<i>Metarhizium anisopliae sensu lato</i>	4691	<i>Beauveria bassiana</i>
4536	<i>Beauveria bassiana</i>	4614	<i>Metarhizium anisopliae sensu lato</i>	4692	<i>Beauveria bassiana</i>
4537	<i>Beauveria bassiana</i>	4615	<i>Metarhizium brunneum</i>	4693	<i>Beauveria bassiana</i>
4538	<i>Beauveria bassiana</i>	4616	<i>Beauveria bassiana</i>	4694	<i>Beauveria bassiana</i>
4539	<i>Beauveria bassiana</i>	4617	<i>Metarhizium anisopliae sensu lato</i>	4695	<i>Beauveria bassiana</i>
4540	<i>Beauveria bassiana</i>	4618	<i>Metarhizium anisopliae sensu lato</i>	4696	<i>Beauveria bassiana</i>
4543	<i>Beauveria bassiana</i>	4619	<i>Metarhizium anisopliae sensu lato</i>	4697	<i>Beauveria bassiana</i>
4545	<i>Entomophaga maimaiga</i>	4620	<i>Metarhizium anisopliae sensu lato</i>	4698	<i>Isaria fumosorosea</i>
4549	<i>Entomophaga maimaiga</i>	4621	<i>Metarhizium robertsii</i>	4699	<i>Isaria fumosorosea</i>
4550	<i>Entomophaga maimaiga</i>	4622	<i>Beauveria australis</i>	4700	<i>Isaria fumosorosea</i>
4551	<i>Entomophaga maimaiga</i>	4623	<i>Metarhizium anisopliae sensu lato</i>	4701	<i>Isaria fumosorosea</i>
4552	<i>Entomophaga maimaiga</i>	4624	<i>Metarhizium anisopliae sensu lato</i>	4702	<i>Isaria fumosorosea</i>
4553	<i>Entomophaga maimaiga</i>	4625	<i>Metarhizium anisopliae sensu lato</i>	4703	<i>Isaria fumosorosea</i>
4554	<i>Entomophaga maimaiga</i>	4626	<i>Metarhizium anisopliae sensu lato</i>	4704	<i>Isaria fumosorosea</i>
4555	<i>Entomophaga maimaiga</i>	4627	<i>Metarhizium anisopliae sensu lato</i>	4705	<i>Isaria fumosorosea</i>
4556	<i>Metarhizium anisopliae sensu lato</i>	4628	<i>Metarhizium robertsii</i>	4706	<i>Isaria fumosorosea</i>
4557	<i>Metarhizium anisopliae sensu lato</i>	4629	<i>Metarhizium anisopliae sensu lato</i>	4707	<i>Isaria fumosorosea</i>
4558	<i>Metarhizium anisopliae sensu lato</i>	4630	<i>Metarhizium anisopliae sensu lato</i>	4708	<i>Isaria fumosorosea</i>
4560	<i>Metarhizium anisopliae sensu lato</i>	4631	<i>Metarhizium anisopliae sensu lato</i>	4709	<i>Isaria fumosorosea</i>
4561	<i>Metarhizium frigidum</i>	4632	<i>Metarhizium anisopliae sensu lato</i>	4710	<i>Isaria fumosorosea</i>
4562	<i>Metarhizium anisopliae sensu lato</i>	4633	<i>Metarhizium anisopliae sensu lato</i>	4711	<i>Isaria fumosorosea</i>
4563	<i>Metarhizium anisopliae sensu lato</i>	4634	<i>Metarhizium anisopliae sensu lato</i>	4712	<i>Sterile mycelium</i>

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4713	Fusarium sp.	4798	Beauveria bassiana	4873	Cordyceps militaris
4714	Fusarium sp.	4799	Beauveria bassiana	4874	Cordyceps militaris
4715	Fusarium sp.	4800	Arthrobotrys cladodes var. macrooides	4875	Cordyceps sp.
4716	Metarhizium anisopliae sensu lato	4801	Dactylella oxyspora	4876	Cordyceps sp.
4717	Metarhizium anisopliae sensu lato	4802	Monacrosporium thaumassium	4877	Tolypocladium inflatum
4718	Metarhizium anisopliae sensu lato	4803	Monacrosporium ellipsosporum	4878	Tolypocladium inflatum
4719	Metarhizium flavoviride var. flavoviride	4804	Arthrobotrys conoides	4879	Tolypocladium inflatum
4720	Metarhizium flavoviride var. flavoviride	4805	Monacrosporium elegans	4880	Tolypocladium inflatum
4721	Beauveria pseudobassiana	4806	Monacrosporium thaumassium	4881	Tolypocladium inflatum
4722	Metarhizium anisopliae sensu lato	4807	Monacrosporium elegans	4882	Tolypocladium inflatum
4723	Metarhizium anisopliae sensu lato	4808	Arthrobotrys amerospora	4883	Tolypocladium inflatum
4724	Metarhizium anisopliae sensu lato	4809	Arthrobotrys amerospora	4884	Tolypocladium inflatum
4725	Metarhizium anisopliae sensu lato	4810	Monacrosporium elegans	4885	Tolypocladium inflatum
4726	Metarhizium anisopliae sensu lato	4811	Gamsylella lobata	4886	Tolypocladium inflatum
4727	Metarhizium flavoviride var. flavoviride	4813	Monacrosporium psychrophilum	4887	Tolypocladium inflatum
4729	Metarhizium flavoviride var. flavoviride	4815	Arthrobotrys brochopaga	4888	Tolypocladium inflatum
4730	Metarhizium flavoviride var. flavoviride	4817	Gamsylella gephypopaga	4889	Tolypocladium inflatum
4731	Metarhizium anisopliae sensu lato	4819	Metarhizium anisopliae sensu lato	4890	Tolypocladium inflatum
4732	Metarhizium anisopliae sensu lato	4820	Metarhizium anisopliae sensu lato	4891	Tolypocladium inflatum
4733	Metarhizium anisopliae sensu lato	4821	Metarhizium anisopliae sensu lato	4892	Tolypocladium inflatum
4734	Metarhizium anisopliae sensu lato	4822	Metarhizium anisopliae sensu lato	4893	Tolypocladium inflatum
4735	Metarhizium anisopliae sensu lato	4823	Metarhizium anisopliae sensu lato	4894	Tolypocladium inflatum
4736	Metarhizium anisopliae sensu lato	4824	Metarhizium anisopliae sensu lato	4895	Tolypocladium inflatum
4737	Metarhizium anisopliae sensu lato	4825	Fusarium sp.	4896	Tolypocladium inflatum
4738	Metarhizium anisopliae sensu lato	4826	Elaphocordyceps ophioglossoides	4897	Tolypocladium inflatum
4739	Metarhizium robertsii	4827	Elaphocordyceps ophioglossoides	4898	Tolypocladium inflatum
4740	Metarhizium anisopliae sensu lato	4828	Elaphocordyceps ophioglossoides	4899	Unidentified / Hyphomycetes
4741	Beauveria pseudobassiana	4829	Elaphocordyceps ophioglossoides	4900	Unidentified / Hyphomycetes
4742	Paecilomyces sp.	4830	Elaphocordyceps ophioglossoides	4901	Metarhizium anisopliae sensu lato
4743	Metarhizium anisopliae sensu lato	4831	Elaphocordyceps ophioglossoides	4902	Metarhizium anisopliae sensu lato
4744	Beauveria bassiana	4832	Elaphocordyceps ophioglossoides	4903	Metarhizium robertsii
4745	Beauveria pseudobassiana	4833	Elaphocordyceps ophioglossoides	4904	Metarhizium anisopliae sensu lato
4746	Metarhizium anisopliae sensu lato	4834	Elaphocordyceps ophioglossoides	4905	Metarhizium anisopliae sensu lato
4747	Metarhizium anisopliae sensu lato	4835	Elaphocordyceps ophioglossoides	4906	Metarhizium anisopliae sensu lato
4748	Metarhizium anisopliae sensu lato	4836	Elaphocordyceps ophioglossoides	4907	Metarhizium anisopliae sensu lato
4749	Metarhizium anisopliae sensu lato	4837	Elaphocordyceps ophioglossoides	4908	Metarhizium anisopliae sensu lato
4750	Sterile mycelium	4838	Cordyceps militaris	4909	Beauveria sp.
4751	Phialophora sp.	4839	Cordyceps militaris	4910	Beauveria sp.
4752	Metarhizium anisopliae sensu lato	4840	Cordyceps militaris	4911	Beauveria sp.
4753	Metarhizium anisopliae sensu lato	4841	Cordyceps militaris	4912	Beauveria sp.
4754	Metarhizium anisopliae sensu lato	4842	Cordyceps militaris	4913	Beauveria sp.
4755	Beauveria malawiensis	4843	Ophiocordyceps bisporus	4914	Beauveria sp.
4757	Metarhizium anisopliae sensu lato	4844	Unidentified sp.	4915	Beauveria sp.
4758	Metarhizium anisopliae sensu lato	4845	Cordyceps militaris	4916	Beauveria sp.
4759	Metarhizium anisopliae sensu lato	4846	Cordyceps sp.	4917	Beauveria sp.
4760	Metarhizium anisopliae sensu lato	4847	Cordyceps militaris	4918	Beauveria sp.
4761	Metarhizium anisopliae sensu lato	4848	Cordyceps sp.	4919	Metarhizium robertsii
4762	Metarhizium anisopliae sensu lato	4849	Isaria amoenerosea	4920	Beauveria sp.
4763	Metarhizium anisopliae sensu lato	4850	Beauveria asiatica	4921	Unidentified / Hyphomycetes
4764	Metarhizium anisopliae sensu lato	4851	Cordyceps sp.	4922	Unidentified / Hyphomycetes
4765	Metarhizium frigidum	4852	Cordyceps sp.	4923	Unidentified / Hyphomycetes
4766	Metarhizium anisopliae sensu lato	4853	Beauveria sp.	4924	Unidentified / Hyphomycetes
4769	Microhilum oncoperae	4854	Cordyceps sp.	4925	Metarhizium anisopliae sensu lato
4770	Microhilum oncoperae	4855	Cordyceps sp.	4926	Metarhizium anisopliae sensu lato
4771	Microhilum oncoperae	4856	Cordyceps sp.	4927	Metarhizium anisopliae sensu lato
4772	Tolypocladium inflatum	4857	Cordyceps militaris	4928	Metarhizium anisopliae sensu lato
4773	Metarhizium anisopliae sensu lato	4858	Polycephalomyces ramosus	4929	Metarhizium anisopliae sensu lato
4774	Metarhizium anisopliae sensu lato	4859	Unidentified sp.	4930	Metarhizium anisopliae sensu lato
4776	Hirsutella sp.	4860	Unidentified sp.	4931	Unidentified / Hyphomycetes
4777	Metarhizium anisopliae sensu lato	4861	Unidentified sp.	4932	Unidentified / Hyphomycetes
4778	Metarhizium anisopliae sensu lato	4862	Metarhizium anisopliae sensu lato	4933	Beauveria pseudobassiana
4779	Metarhizium anisopliae sensu lato	4863	Fusarium sp.	4934	Pandora neoaphidis
4780	Metarhizium anisopliae sensu lato	4864	Fusarium sp.	4936	Cordyceps sp.
4781	Zoophthora radicans	4865	Metarhizium anisopliae sensu lato	4937	Arthrobotrys brochopaga
4782	Zoophthora radicans	4866	Beauveria bassiana	4938	Arthrobotrys musiformis
4783	Zoophthora radicans	4867	Lecanicillium psalliotae(?)	4939	Arthrobotrys oligospora
4784	Zoophthora radicans	4869	Cordyceps militaris	4940	Arthrobotrys superba
4785	Zoophthora radicans	4870	Cordyceps roseostromata	4941	Geniculifera paucispora
4795	Cladosporium sp.	4871	Cordyceps roseostromata	4942	Hirsutella rhossiliensis
4797	Conidiobolus coronatus	4872	Cordyceps roseostromata	4943	Monacrosporium cionopagum

4944	Monacrosporium doedycoides	5019	Cordyceps militaris	5093	Paecilomyces sp.
4945	Monacrosporium eudematum	5020	Cordyceps militaris	5094	Paecilomyces sp.
4946	Monacrosporium parvicolle	5021	Cordyceps militaris	5095	Paecilomyces sp.
4947	Nematoctonus concurrens	5022	Cordyceps militaris	5096	Paecilomyces sp.
4948	Entomophaga macleodii	5023	Cordyceps militaris	5097	Paecilomyces sp.
4949	Entomophaga macleodii	5024	Cordyceps militaris	5098	Paecilomyces sp.
4950	Entomophaga macleodii	5025	Cordyceps militaris	5099	Paecilomyces sp.
4951	Entomophaga macleodii	5026	Cordyceps militaris	5100	Paecilomyces sp.
4952	Entomophaga macleodii	5027	Cordyceps militaris	5101	Paecilomyces sp.
4953	Entomophaga macleodii	5028	Cordyceps militaris	5102	Paecilomyces sp.
4954	Harposporium anguillulae	5029	Cordyceps militaris	5103	Paecilomyces sp.
4955	Drechslerella dactyloides	5030	Cordyceps militaris	5104	Paecilomyces sp.
4956	Fusarium sp.	5031	Cordyceps militaris	5105	Paecilomyces sp.
4957	Monacrosporium ellipsosporum	5032	Cordyceps militaris	5106	Paecilomyces sp.
4959	Monacrosporium ellipsosporum	5033	Cordyceps militaris	5107	Isaria fumosorosea
4960	Lecanicillium psalliotae	5034	Cordyceps militaris	5108	Paecilomyces sp.
4962	Fusarium sp.	5035	Cordyceps militaris	5109	Paecilomyces sp.
4963	Fusarium oxysporum	5036	Cordyceps militaris	5110	Paecilomyces sp.
4964	Fusarium oxysporum	5037	Cordyceps militaris	5111	Paecilomyces sp.
4965	Lecanicillium psalliotae	5038	Cordyceps militaris	5112	Paecilomyces sp.
4966	Monacrosporium cionopagum	5039	Cordyceps militaris	5113	Isaria fumosorosea
4967	Arthrobotrys oligospora	5040	Cordyceps militaris	5114	Paecilomyces sp.
4968	Conidiobolus thromboides	5041	Cordyceps militaris	5115	Isaria fumosorosea
4969	Fusarium sp.	5042	Cordyceps militaris	5116	Isaria fumosorosea
4970	Unidentified / Zygomycetes	5043	Cordyceps militaris	5117	Isaria fumosorosea
4971	Unidentified / Zygomycetes	5044	Cordyceps militaris	5118	Isaria fumosorosea
4972	Syngliocladium tetanopsis	5045	Cordyceps militaris	5119	Isaria fumosorosea
4973	Beauveria bassiana	5046	Cordyceps militaris	5121	Isaria fumosorosea
4974	Beauveria bassiana	5047	Cordyceps militaris	5122	Isaria fumosorosea
4975	Beauveria bassiana	5048	Cordyceps militaris	5123	Harposporium cerberi
4976	Beauveria bassiana	5049	Cordyceps militaris	5126	Lecanicillium longisporum
4977	Beauveria bassiana	5050	Cordyceps militaris	5127	Verticillium lecanii
4978	Beauveria bassiana	5051	Cordyceps militaris	5128	Lecanicillium muscarium
4979	Beauveria bassiana	5052	Cordyceps militaris	5129	Verticillium lecanii
4981	Beauveria bassiana	5053	Cordyceps militaris	5130	Verticillium lecanii
4982	Beauveria bassiana	5054	Cordyceps militaris	5131	Verticillium lecanii
4983	Beauveria bassiana	5055	Cordyceps militaris	5132	Verticillium lecanii
4984	Beauveria bassiana	5056	Cordyceps militaris	5133	Verticillium lecanii
4985	Paecilomyces sp.	5057	Cordyceps militaris	5134	Isaria tenuipes
4986	Paecilomyces sp.	5058	Cordyceps militaris	5135	Isaria tenuipes
4987	Paecilomyces sp.	5059	Cordyceps militaris	5136	Lecanicillium lecanii(?)
4988	Paecilomyces sp.	5060	Cordyceps militaris	5137	Lecanicillium lecanii(?)
4989	Paecilomyces sp.	5061	Cordyceps militaris	5138	Lecanicillium lecanii(?)
4990	Beauveria amorpha	5062	Cordyceps militaris	5139	Metarhizium sp.
4992	Beauveria brongniartii	5064	Beauveria bassiana	5140	Ascospaera duoformis
4993	Beauveria brongniartii	5066	Beauveria bassiana	5141	Ascospaera duoformis
4994	Beauveria brongniartii	5067	Beauveria bassiana	5142	Ascospaera apis
4995	Beauveria brongniartii	5069	Beauveria bassiana	5143	Ascospaera arienoides
4997	Metarhizium sp.	5070	Beauveria pseudobassiana	5144	Ascospaera flava
4998	Metarhizium sp.	5071	Beauveria bassiana	5145	Ascospaera subcuticulata
4999	Metarhizium sp.	5072	Beauveria bassiana	5146	Ascospaera solina
5000	Metarhizium sp.	5073	Isaria farinosa	5147	Ascospaera atra
5001	Metarhizium sp.	5074	Isaria farinosa	5148	Beauveria bassiana
5002	Cordyceps militaris	5075	Isaria farinosa	5149	Metarhizium robertsii
5003	Cordyceps militaris	5076	Metarhizium sp.	5150	Beauveria bassiana
5004	Cordyceps militaris	5077	Metarhizium sp.	5151	Ascospaera duoformis
5005	Cordyceps militaris	5078	Beauveria sp.	5152	Ascospaera duoformis
5006	Cordyceps militaris	5080	Isaria farinosa	5153	Verticillium lecanii
5007	Cordyceps militaris	5081	Isaria farinosa	5154	Isaria fumosorosea
5008	Cordyceps militaris	5082	Isaria farinosa	5155	Isaria fumosorosea
5009	Cordyceps militaris	5083	Isaria farinosa	5156	Isaria fumosorosea
5010	Cordyceps militaris	5084	Isaria farinosa	5157	Isaria fumosorosea
5011	Cordyceps militaris	5085	Isaria fumosorosea	5158	Isaria fumosorosea
5012	Cordyceps militaris	5086	Isaria fumosorosea	5159	Isaria fumosorosea
5013	Cordyceps militaris	5087	Isaria fumosorosea	5160	Paecilomyces sp.
5014	Cordyceps militaris	5088	Isaria fumosorosea	5161	Metarhizium anisopliae sensu lato
5015	Cordyceps militaris	5089	Isaria fumosorosea	5162	Conidiobolus coronatus
5016	Cordyceps militaris	5090	Isaria fumosorosea	5163	Ostracoderma sp.
5017	Cordyceps militaris	5091	Paecilomyces sp.	5164	Scopulariopsis sp.
5018	Cordyceps militaris	5092	Paecilomyces sp.	5165	Lecanicillium muscarium

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5166	Verticillium lecanii	5247	Unidentified / Hyphomycetes	5317	Isaria fumosorosea
5167	Verticillium lecanii	5248	Unidentified / Hyphomycetes	5318	Isaria fumosorosea
5168	Verticillium lecanii	5249	Lecanicillium psalliotae	5319	Isaria fumosorosea
5169	Beauveria bassiana	5250	Verticillium epiphytum	5320	Isaria fumosorosea
5170	Beauveria bassiana	5251	Isaria fumosorosea	5321	Isaria javanica
5171	Beauveria bassiana	5252	Isaria fumosorosea	5322	Isaria fumosorosea
5172	Beauveria bassiana	5253	Isaria fumosorosea	5323	Isaria fumosorosea
5173	Beauveria bassiana	5254	Isaria fumosorosea	5324	Isaria fumosorosea
5174	Beauveria sp.	5255	Isaria fumosorosea	5325	Isaria fumosorosea
5175	Gliocladium sp.	5256	Isaria fumosorosea	5326	Isaria fumosorosea
5176	Trichoderma lignorum	5257	Isaria fumosorosea	5327	Isaria fumosorosea
5178	Isaria farinosa	5258	Isaria fumosorosea	5328	Isaria fumosorosea
5179	Paecilomyces sp.	5259	Isaria javanica	5329	Isaria fumosorosea
5180	Paecilomyces sp.	5260	Isaria fumosorosea	5330	Isaria fumosorosea
5181	Paecilomyces sp.	5261	Isaria fumosorosea	5331	Isaria fumosorosea
5182	Beauveria bassiana(?)	5262	Isaria fumosorosea	5332	Fusarium sp.
5183	Paecilomyces sp.	5263	Isaria fumosorosea	5335	Penicillium sp.
5184	Paecilomyces sp.	5264	Isaria fumosorosea	5336	Basidiobolus sp.
5185	Paecilomyces sp.	5265	Isaria fumosorosea	5338	Mariannaea elegans
5186	Beauveria sp.	5266	Isaria fumosorosea	5339	Beauveria bassiana
5187	Beauveria sp.	5267	Isaria fumosorosea	5340	Beauveria bassiana
5188	Mixed Culture sp.	5268	Isaria fumosorosea	5341	Beauveria bassiana
5189	Paecilomyces sp.	5269	Isaria fumosorosea	5342	Beauveria bassiana
5190	Paecilomyces sp.	5270	Isaria fumosorosea	5343	Beauveria bassiana
5191	Isaria farinosa	5271	Isaria fumosorosea	5344	Beauveria bassiana
5192	Paecilomyces sp.	5272	Isaria fumosorosea	5345	Beauveria bassiana
5193	Paecilomyces sp.	5273	Beauveria bassiana	5346	Beauveria bassiana
5194	Isaria farinosa	5274	Beauveria bassiana	5347	Beauveria bassiana
5195	Beauveria bassiana	5275	Beauveria bassiana	5348	Entomophthora schizophorae
5197	Metarhizium pingshaense	5276	Beauveria bassiana	5349	Mariannaea elegans
5198	Metarhizium brunneum	5277	Beauveria bassiana	5350	Mariannaea elegans
5199	Unidentified / Hyphomycetes	5278	Beauveria bassiana	5351	
5200	Smittium culisetae	5279	Beauveria bassiana	5352	Erynia sp.
5201	Neozygites floridana(?)	5280	Beauveria bassiana	5353	Polycephalomyces tomentosus
5202	Neozygites floridana(?)	5281	Beauveria bassiana	5354	Harpousporium helicoides
5205	Aspergillus sp.	5282	Beauveria bassiana	5355	Beauveria brongniartii
5208	Nomuraea rileyi	5283	Beauveria bassiana	5356	Beauveria brongniartii
5209	Nomuraea rileyi	5284	Beauveria bassiana	5357	Beauveria brongniartii
5210	Nomuraea rileyi	5285	Beauveria bassiana	5358	Beauveria brongniartii
5211	Nomuraea rileyi	5286	Beauveria bassiana	5359	Beauveria brongniartii
5212	Nomuraea rileyi	5287	Beauveria bassiana	5360	Beauveria brongniartii
5215	Aschersonia sp.	5288	Beauveria bassiana	5361	Beauveria brongniartii
5216	Aschersonia sp.	5289	Beauveria bassiana	5362	Beauveria brongniartii
5217	Syngliocladium sp.	5290	Beauveria bassiana	5363	Beauveria brongniartii
5218	Tolypocladium lignicola	5291	Beauveria bassiana	5364	Beauveria brongniartii
5219	Fusarium sp.	5292	Beauveria bassiana	5365	Ophiocordyceps variabilis
5220	Lecanicillium muscarium	5293	Beauveria bassiana	5366	Ophiocordyceps variabilis
5221	Verticillium lecanii	5294	Beauveria bassiana	5367	Ophiocordyceps variabilis
5222	Sporodiniella umbellata	5295	Beauveria bassiana	5368	Isaria farinosa
5223	Unidentified / Hyphomycetes	5296	Beauveria bassiana	5369	Metarhizium anisopliae sensu lato
5224	Unidentified / Hyphomycetes	5297	Isaria fumosorosea	5370	Beauveria pseudobassiana
5225	Unidentified / Hyphomycetes	5298	Isaria fumosorosea	5371	Pandora neoaphidis
5226	Unidentified / Hyphomycetes	5299	Isaria fumosorosea	5372	Pandora neoaphidis
5227	Unidentified / Hyphomycetes	5300	Isaria fumosorosea	5373	Pandora neoaphidis
5229	Beauveria bassiana	5301	Isaria fumosorosea	5374	Pandora neoaphidis
5230	Beauveria bassiana	5302	Isaria fumosorosea	5375	Sympastospora parasitica
5231	Beauveria bassiana	5303	Isaria fumosorosea	5376	Neozygites floridana(?)
5233	Beauveria bassiana	5304	Isaria fumosorosea	5377	Entomophaga maimaiga
5234	Beauveria bassiana	5305	Isaria fumosorosea	5378	Entomophaga maimaiga
5235	Beauveria bassiana	5306	Isaria farinosa	5379	Entomophaga maimaiga
5237	Unidentified / Hyphomycetes	5307	Isaria fumosorosea	5380	Entomophaga maimaiga
5238	Unidentified / Hyphomycetes	5308	Isaria fumosorosea	5381	Entomophaga maimaiga
5239	Unidentified / Hyphomycetes	5309	Isaria fumosorosea	5382	Entomophaga maimaiga
5240	Unidentified / Hyphomycetes	5310	Isaria fumosorosea	5383	Entomophaga maimaiga
5241	Unidentified / Hyphomycetes	5311	Isaria fumosorosea	5384	Entomophaga maimaiga
5242	Unidentified / Hyphomycetes	5312	Isaria fumosorosea	5385	Entomophaga maimaiga
5243	Unidentified / Hyphomycetes	5313	Isaria fumosorosea	5386	Entomophaga maimaiga
5244	Unidentified / Hyphomycetes	5314	Isaria fumosorosea	5387	Entomophaga maimaiga
5245	Unidentified / Hyphomycetes	5315	Isaria fumosorosea	5388	Entomophaga maimaiga
5246	Unidentified / Hyphomycetes	5316	Isaria fumosorosea	5389	Entomophaga maimaiga

5390	Entomophaga maimaiga	5459	Beauveria bassiana	5535	Beauveria bassiana
5391	Entomophaga maimaiga	5460	Beauveria bassiana	5536	Beauveria bassiana
5392	Entomophaga maimaiga	5461	Fusarium sp.	5537	Beauveria bassiana
5393	Entomophaga maimaiga	5462	Isaria fumosorosea	5538	Tolypocladium cylindrosporum
5394	Entomophaga maimaiga	5463	Isaria fumosorosea	5539	Hirsutella illustris
5395	Entomophaga maimaiga	5464	Isaria fumosorosea	5540	Isaria fumosorosea
5396	Entomophaga maimaiga	5465	Beauveria bassiana	5541	Furia gastropachae
5397	Entomophaga maimaiga	5466	Beauveria bassiana	5542	Furia gastropachae
5398	Entomophaga maimaiga	5467	Beauveria bassiana	5543	Furia gastropachae
5399	Entomophaga maimaiga	5469	Metarhizium anisopliae sensu lato	5544	Furia gastropachae
5400	Entomophaga maimaiga	5470	Aspergillus parasiticus	5545	Furia gastropachae
5401	Entomophaga maimaiga	5471	Metarhizium anisopliae sensu stricto	5546	Furia gastropachae
5402	Paecilomyces sp.	5472	Atrichomyces harporifera	5547	Furia gastropachae
5403	Pandora neoaphidis	5473	Hirsutella nodulosa	5548	Isaria farinosa
5404	Conidiobolus sp.	5474	Hirsutella fusiformis	5549	Hirsutella necatrix
5405	Conidiobolus sp.	5475	Isaria fumosorosea	5550	Hirsutella kirchneri
5406	Conidiobolus sp.	5476	Isaria fumosorosea	5551	Hirsutella kirchneri
5407	Harpoporium anguillulae	5477	Beauveria bassiana	5552	Batkoia apiculata
5408	Harpoporium anguillulae	5478	Beauveria bassiana	5553	Beauveria bassiana
5409	Harpoporium anguillulae	5479	Beauveria bassiana	5554	Metarhizium anisopliae sensu lato
5410	Harpoporium sp.	5480	Beauveria bassiana	5555	Metarhizium anisopliae sensu lato
5411	Arthrobotrys oligospora	5481	Beauveria bassiana	5556	Metarhizium anisopliae sensu lato
5412	Hirsutella thompsonii var. syn-	5482	Beauveria bassiana	5557	Beauveria pseudobassiana
	nematos	5483	Beauveria bassiana	5558	Tolypocladium cylindrosporum
5413	Mariannaea pruinosa	5484	Beauveria bassiana	5559	Tolypocladium cylindrosporum
5414	Ophiocordyceps variabilis	5485	Beauveria bassiana	5560	Fusarium sp.
5415	Ophiocordyceps variabilis	5486	Beauveria bassiana	5561	Arthrobotrys oligospora
5416	Ophiocordyceps variabilis	5487	Beauveria bassiana	5562	Arthrobotrys oligospora
5417	Ophiocordyceps variabilis	5488	Beauveria bassiana	5563	Entomophaga maimaiga
5418	Ophiocordyceps variabilis	5489	Beauveria bassiana	5564	Entomophaga maimaiga
5419	Ophiocordyceps variabilis	5490	Beauveria bassiana	5565	Entomophaga maimaiga
5420	Ophiocordyceps variabilis	5491	Verticillium lecanii	5566	Entomophaga maimaiga
5421	Ophiocordyceps variabilis	5492	Beauveria bassiana	5567	Entomophaga maimaiga
5422	Ophiocordyceps variabilis	5493	Beauveria bassiana	5568	Entomophaga maimaiga
5423	Ophiocordyceps variabilis	5494	Beauveria bassiana	5569	Entomophaga maimaiga
5424	Ophiocordyceps variabilis	5495	Beauveria bassiana	5570	Entomophaga maimaiga
5425	Ophiocordyceps variabilis	5496	Beauveria bassiana	5571	Entomophaga maimaiga
5426	Ophiocordyceps variabilis	5497	Syngliocladium tetanopsis	5572	Entomophaga maimaiga
5427	Ophiocordyceps variabilis	5498	Ophiocordyceps aphodii	5573	Beauveria bassiana
5428	Ophiocordyceps variabilis	5499	Leptolegnia chapmani	5574	Escovopsis sp.
5429	Ophiocordyceps variabilis	5500	Beauveria bassiana	5575	Escovopsis aspergilloides
5430	Smittium culisetae	5501	Beauveria bassiana	5576	Escovopsis weberi
5431	Smittium culicis	5502	Beauveria bassiana	5577	Syngliocladium tetanopsis
5432	Smittium culicis	5503	Aspergillus flavus(?)	5578	Lecanicillium fusicolor(?)
5433	Drechslerella dactyloides	5504	Aspergillus flavus(?)	5579	Lecanicillium fusicolor(?)
5434	Arthrobotrys thaumasia	5505	Aspergillus flavus(?)	5580	Lecanicillium lecanii(?)
5435	Arthrobotrys haptotyla	5506	Aspergillus flavus(?)	5581	Lecanicillium lecanii(?)
5436	Beauveria bassiana	5507	Aspergillus flavus(?)	5582	Lecanicillium psalliotae
5437	Beauveria bassiana	5508	Aspergillus flavus(?)	5583	Lecanicillium fusicolor
5438	Beauveria bassiana	5509	Aspergillus flavus(?)	5584	Lecanicillium lecanii(?)
5439	Beauveria bassiana	5510	Beauveria bassiana	5585	Lecanicillium lecanii(?)
5440	Beauveria bassiana	5513	Metarhizium anisopliae sensu lato	5586	Drechslerella dactyloides
5441	Beauveria bassiana	5514	Metarhizium anisopliae sensu lato	5587	Drechslerella dactyloides
5442	Beauveria bassiana	5515	Metarhizium anisopliae sensu lato	5588	Dactylaria candida
5443	Beauveria bassiana	5516	Metarhizium anisopliae sensu lato	5589	Dactylella aphrobrocha
5444	Beauveria bassiana	5517	Metarhizium anisopliae sensu lato	5590	Dactylella leptospora
5445	Beauveria bassiana	5518	Metarhizium anisopliae sensu lato	5591	Drechmeria coniospora
5446	Beauveria bassiana	5519	Metarhizium anisopliae sensu lato	5592	Drechmeria coniospora
5447	Beauveria bassiana	5520	Metarhizium anisopliae sensu lato	5593	Harpoporium anguillulae
5448	Beauveria bassiana	5521	Metarhizium anisopliae sensu lato	5594	Harpoporium anguillulae
5449	Beauveria bassiana	5525	Tolypocladium cylindrosporum	5595	Harpoporium anguillulae
5450	Beauveria bassiana	5526	Tolypocladium cylindrosporum	5596	Harpoporium arcuatum
5451	Beauveria bassiana	5527	Tolypocladium cylindrosporum	5597	Harpoporium arcuatum
5452	Beauveria bassiana	5528	Tolypocladium cylindrosporum	5598	Harpoporium arcuatum
5453	Beauveria bassiana	5529	Tolypocladium cylindrosporum	5599	Harpoporium cycloides
5454	Beauveria bassiana	5530	Tolypocladium cylindrosporum	5600	Harpoporium cycloides
5455	Beauveria bassiana	5531	Tolypocladium cylindrosporum	5601	Harpoporium janus
5456	Beauveria bassiana	5532	Tolypocladium cylindrosporum	5602	Harpoporium leptospora
5457	Beauveria bassiana	5533	Beauveria bassiana	5603	Harpoporium leptospora
5458	Beauveria bassiana	5534	Beauveria bassiana	5604	Harpoporium lilliputianum

5605	Harposporium subuliforme	5675	Isaria farinosa	5745	Beauveria bassiana
5606	Nematoctonus leiosporus	5676	Isaria farinosa	5746	Metarhizium anisopliae sensu lato
5607	Nematoctonus leptosporus	5677	Unidentified / Hyphomycetes	5747	Metarhizium acridum
5608	Plesiospora globosa	5678	Beauveria pseudobassiana	5748	Metarhizium acridum
5609	Rotiferophthora amamiensis	5679	Isaria farinosa	5749	Metarhizium anisopliae sensu lato
5610	Rotiferophthora angustispora	5680	Fusarium sp.	5750	Metarhizium acridum
5611	Rotiferophthora japonica	5681	Lecanicillium psalliotae	5751	Metarhizium brunneum
5612	Rotiferophthora lacrima	5682	Fusarium sp.	5752	Metarhizium anisopliae sensu lato
5613	Rotiferophthora minutispora	5683	Lecanicillium psalliotae	5753	Beauveria bassiana
5614	Rotiferophthora denticulospora	5684	Beauveria bassiana(?)	5754	Isaria farinosa
5615	Tolypocladium lignicola	5685	Lecanicillium psalliotae	5755	Fusarium sp.
5616	Pochonia microbactrospora	5686	Beauveria sp.	5756	Aphanocladium album
5617	Haptocillium balanooides	5687	Verticillium pseudohemipterigenum	5757	Fusarium sp.
5618	Haptocillium sinense	5688	Cordyceps isariooides	5758	Cylindrocarpone sp.
5619	Pochonia microbactrospora	5689	Beauveria sungii	5759	Lecanicillium lecanii
5620	Neozygites parvispora	5690	Cordyceps bifusispora	5760	Isaria farinosa
5621	Neozygites parvispora	5691	Cordyceps ochraceostromata	5761	Isaria farinosa
5622	Beauveria pseudobassiana	5692	Cordyceps agriota	5762	Beauveria bassiana
5623	Beauveria bassiana	5693	Cordyceps pruinosa	5763	Lecanicillium psalliotae
5624	Metarhizium anisopliae sensu lato	5694	Isaria fumosorosea	5764	Paraisaria dubia
5625	Metarhizium brunneum	5695	Unidentified / Hyphomycetes	5765	Pseudogibellula formicarum
5626	Metarhizium brunneum	5696	Ophiocordyceps graciloides	5766	Pseudogibellula formicarum
5627	Isaria fumosorosea	5697	Beauveria sp.	5767	Beauveria bassiana
5628	Metarhizium anisopliae sensu lato	5698	Unidentified / Hyphomycetes	5768	Beauveria bassiana
5629	Beauveria bassiana	5699	Isaria farinosa	5769	Beauveria bassiana
5630	Beauveria bassiana	5700	Isaria tenuipes	5770	Beauveria bassiana
5631	Beauveria bassiana	5701	Duddingtonia flagrans	5771	Verticillium lecanii
5632	Beauveria bassiana	5702	Monacrosporium ellipsosporum	5772	Lecanicillium muscarium
5633	Beauveria bassiana	5703	Evlachovaea sp.	5773	Acremonium sp.
5634	Beauveria bassiana	5704	Beauveria bassiana	5774	Isaria farinosa
5635	Beauveria bassiana	5705	Beauveria bassiana	5775	Isaria farinosa
5636	Beauveria bassiana	5706	Lecanicillium lecanii	5776	Isaria farinosa
5637	Beauveria bassiana	5707	Pandora neoaphidis	5777	Lecanicillium muscarium(?)
5638	Beauveria bassiana	5708	Pandora neoaphidis	5778	Lecanicillium muscarium
5639	Beauveria bassiana	5709	Verticillium lecanii	5779	Lecanicillium muscarium
5640	Beauveria bassiana	5710	Verticillium lecanii	5780	Lecanicillium muscarium
5641	Beauveria bassiana	5711	Entomophaga maimaiga	5781	Verticillium lecanii
5642	Beauveria bassiana	5712	Conidiobolus sp.	5782	Lecanicillium muscarium
5643	Beauveria bassiana	5713	Verticillium sp.	5783	Verticillium lecanii
5644	Beauveria bassiana(?)	5714	Metarhizium guizhouense	5784	Isaria farinosa
5645	Beauveria bassiana	5715	Metarhizium anisopliae sensu lato	5785	Lecanicillium lecanii
5646	Beauveria bassiana	5716	Metarhizium anisopliae sensu lato	5786	Verticillium lecanii
5647	Beauveria bassiana	5717	Metarhizium anisopliae sensu lato	5787	Lecanicillium lecanii
5648	Beauveria bassiana	5718	Cordyceps staphylinidaecola	5788	Isaria farinosa
5649	Beauveria bassiana	5719	Metacordyceps yangmunensis	5789	Verticillium lecanii
5650	Beauveria bassiana	5720	Syngliocladium sp.	5790	Isaria farinosa
5651	Beauveria bassiana	5721	Aspergillus niger	5791	Lecanicillium muscarium
5652	Beauveria bassiana	5722	Aspergillus ochraceus	5792	Isaria farinosa
5653	Beauveria bassiana	5723		5793	Verticillium lecanii
5654	Beauveria bassiana	5724	Beauveria pseudobassiana	5794	Lecanicillium lecanii
5655	Beauveria bassiana	5725	Beauveria bassiana	5795	Lecanicillium muscarium
5656	Harposporium bysmatosporum	5726	Fusarium sp.	5796	Beauveria bassiana
5657	Harposporium subuliforme	5727	Fusarium sp.	5797	Isaria farinosa
5658	Harposporium dicorymbum	5728	Fusarium sp.	5798	Lecanicillium muscarium
5659	Harposporium anguillulae	5729	Candida sp.	5799	Isaria farinosa
5660	Dactylella heterospora	5730	Trichoderma sp.	5800	Isaria farinosa
5661	Dactylella doedycoides	5731	Pythium sp.	5801	Isaria farinosa
5662	Dactylaria brochopaga	5732	Pythium sp.	5802	Isaria farinosa
5663	Nematoctonus sp.	5733	Penicillium sp.	5803	Fusarium sp.
5664	Synnematium jonesii	5734	Metarhizium anisopliae var. acridum	5804	Cordyceps militaris
5665	Beauveria bassiana	5735	Metarhizium acridum	5805	Purpureocillium lilacinum
5666	Lecanicillium psalliotae	5736	Metarhizium acridum	5806	Isaria javanica
5667	Beauveria bassiana	5737	Beauveria bassiana	5807	Beauveria bassiana
5668	Beauveria pseudobassiana	5738	Beauveria bassiana	5808	Beauveria bassiana
5669	Beauveria pseudobassiana	5739	Drechmeria coniospora	5809	Verticillium lecanii
5670	Beauveria bassiana	5740	Beauveria bassiana	5810	Batko sp.
5671	Beauveria bassiana	5741	Beauveria bassiana	5811	Entomophthora culicis
5672	Beauveria bassiana	5742	Beauveria bassiana	5812	Pandora sp.
5673	Beauveria bassiana	5743	Beauveria bassiana	5813	Beauveria bassiana
5674	Beauveria bassiana	5744	Beauveria bassiana	5814	Zoophthora radicans

5815	Beauveria bassiana(?)	5885	Isaria farinosa	5955	Entomophthora syrphi
5816	Beauveria bassiana(?)	5886	Beauveria bassiana	5956	Beauveria bassiana
5817	Beauveria bassiana(?)	5887	Beauveria bassiana	5957	Beauveria bassiana
5818	Beauveria bassiana(?)	5888	Beauveria bassiana	5958	Beauveria bassiana
5819	Sterile mycelium	5889	Basidiobolus ranarum	5959	Beauveria bassiana(?)
5820	Verticillium lecanii	5890	Basidiobolus ranarum	5960	Beauveria bassiana
5821	Verticillium lecanii	5891	Basidiobolus ranarum	5961	Beauveria bassiana
5822	Lecanicillium muscarium	5892	Basidiobolus ranarum	5962	Beauveria bassiana
5823	Geotrichum (?) sp.	5893	Basidiobolus ranarum	5963	Beauveria bassiana
5824	Verticillium lecanii	5894	Basidiobolus ranarum	5964	Beauveria bassiana
5825	Fusarium sp.	5895	Basidiobolus ranarum	5965	Beauveria bassiana
5826	Isaria farinosa	5896	Basidiobolus ranarum	5966	Beauveria bassiana
5827	Isaria farinosa	5897	Basidiobolus ranarum	5967	Beauveria bassiana
5828	Lecanicillium muscarium	5898	Basidiobolus ranarum	5968	Beauveria bassiana
5829	Lecanicillium lecanii	5899	Basidiobolus ranarum	5969	Beauveria bassiana
5830	Isaria farinosa	5900	Basidiobolus ranarum	5970	Beauveria bassiana
5831	Beauveria sp.	5901	Basidiobolus ranarum	5971	Beauveria bassiana
5832	Beauveria sp.	5902	Basidiobolus ranarum	5972	Beauveria bassiana
5833	Beauveria sp.	5903	Basidiobolus ranarum	5973	Beauveria bassiana
5834	Isaria farinosa	5904	Basidiobolus ranarum	5974	Beauveria bassiana
5835	Lecanicillium psalliotae	5905	Basidiobolus ranarum	5975	Beauveria bassiana(?)
5836	Beauveria bassiana	5906	Basidiobolus ranarum	5976	Beauveria bassiana(?)
5837	Metarhizium anisopliae sensu lato	5907	Basidiobolus ranarum	5977	Beauveria bassiana
5838	Beauveria bassiana	5908	Basidiobolus ranarum	5978	Beauveria bassiana
5839	Beauveria bassiana	5909	Basidiobolus ranarum	5979	Beauveria bassiana
5840	Beauveria bassiana	5910	Basidiobolus ranarum	5980	Beauveria bassiana
5841	Metarhizium anisopliae sensu lato	5911	Basidiobolus ranarum	5981	Beauveria bassiana
5842	Metarhizium anisopliae sensu lato	5912	Basidiobolus ranarum	5982	Beauveria bassiana
5843	Beauveria bassiana	5913	Basidiobolus ranarum	5983	Beauveria bassiana
5844	Isaria fumosorosea	5914	Basidiobolus ranarum	5984	Beauveria bassiana
5845	Isaria fumosorosea	5915	Basidiobolus ranarum	5985	Beauveria bassiana
5846	Isaria fumosorosea	5916	Basidiobolus ranarum	5986	Beauveria bassiana
5847	Isaria fumosorosea	5917	Basidiobolus ranarum	5987	Beauveria bassiana
5848	Metarhizium anisopliae sensu lato	5918	Basidiobolus ranarum	5988	Beauveria bassiana
5849	Verticillium lecanii	5919	Basidiobolus ranarum	5989	Beauveria bassiana
5850	Metarhizium anisopliae sensu lato	5920	Basidiobolus ranarum	5990	Beauveria bassiana(?)
5851	Metarhizium anisopliae sensu lato	5921	Basidiobolus ranarum	5991	Beauveria bassiana
5852	Verticillium lecanii	5922	Basidiobolus ranarum	5992	Conidiobolus obscurus
5853	Beauveria bassiana	5923	Basidiobolus ranarum	5993	Conidiobolus osmodes(?)
5854	Verticillium lecanii	5924	Basidiobolus ranarum	5994	Batkoia apiculata
5855	Isaria fumosorosea	5925	Basidiobolus ranarum	5995	Pandora neoaphidis
5856	Verticillium lecanii	5926	Basidiobolus ranarum	5996	Isaria farinosa
5857	Beauveria bassiana	5927	Basidiobolus ranarum	5997	Beauveria bassiana
5858	Isaria farinosa	5928	Basidiobolus ranarum	5998	Aphanocladium album
5859	Verticillium lecanii	5929	Basidiobolus ranarum	5999	Calcarisporium arbuscula
5860	Isaria fumosorosea	5930	Basidiobolus ranarum	6000	Conidiobolus thromboides
5861	Beauveria bassiana	5931	Basidiobolus ranarum	6001	Conidiobolus thromboides
5862	Beauveria bassiana	5932	Basidiobolus ranarum	6002	Engyodontium album
5863	Beauveria bassiana	5933	Basidiobolus ranarum	6003	Zoophthora radicans
5864	Beauveria bassiana	5934	Basidiobolus ranarum	6004	Entomophaga maimaiga
5865	Beauveria bassiana	5935	Basidiobolus ranarum	6005	Entomophaga maimaiga
5866	Beauveria bassiana	5936	Basidiobolus ranarum	6006	Entomophaga maimaiga
5867	Beauveria pseudobassiana	5937	Basidiobolus ranarum	6007	Entomophaga maimaiga
5868	Entomophthora thripidum	5938	Basidiobolus ranarum	6008	Beauveria bassiana
5869	Furia gastropachae	5939	Basidiobolus ranarum	6009	Beauveria bassiana
5870	Furia gastropachae	5940	Basidiobolus ranarum	6010	Lecanicillium lecanii
5871	Furia gastropachae	5941	Basidiobolus ranarum	6011	Beauveria bassiana
5872	Furia gastropachae	5942	Basidiobolus ranarum	6012	Isaria farinosa
5873	Metarhizium robertsii	5943	Basidiobolus ranarum	6013	Beauveria bassiana
5874	Isaria fumosorosea	5944	Basidiobolus ranarum	6014	Beauveria bassiana
5875	Fusarium sp.	5945	Basidiobolus ranarum	6015	Beauveria pseudobassiana
5876	Purpureocillium lilacinum	5946	Basidiobolus ranarum	6016	Beauveria bassiana
5877	Purpureocillium lilacinum	5947	Basidiobolus ranarum	6017	Isaria farinosa
5878	Fusarium sp.	5948	Basidiobolus ranarum	6018	Purpureocillium lilacinum
5879	Fusarium sp.	5949	Basidiobolus ranarum	6019	Beauveria bassiana
5880	Purpureocillium lilacinum	5950	Basidiobolus ranarum	6020	Isaria farinosa
5881	Fusarium sp.	5951	Basidiobolus ranarum	6021	Purpureocillium lilacinum
5882	Purpureocillium lilacinum	5952	Entomophthora muscae	6022	Beauveria pseudobassiana
5883	Isaria farinosa	5953	Entomophthora muscae	6023	Beauveria brongniartii
5884	Isaria farinosa	5954	Entomophthora muscae	6024	Purpureocillium lilacinum

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6025	Verticillium lecanii	6095	Beauveria bassiana	6167	Metarhizium anisopliae sensu lato
6026	Purpureocillium lilacinum	6096	Beauveria bassiana	6168	Entomophaga maimaiga
6027	Beauveria bassiana	6097	Isaria farinosa	6169	Entomophaga maimaiga
6028	Isaria farinosa	6098	Isaria farinosa	6170	Entomophaga maimaiga
6029	Isaria farinosa	6099	Beauveria bassiana	6171	Entomophaga maimaiga
6030	Isaria farinosa	6100	Beauveria bassiana	6172	Entomophaga maimaiga
6031	Isaria farinosa	6101	Beauveria bassiana	6173	Entomophaga maimaiga
6032	Isaria farinosa	6102	Fusarium sp.	6174	Entomophaga maimaiga
6033	Isaria farinosa	6103	Phycomyces blakesleeanus	6175	Ramicandelaber longisporus
6034	Isaria farinosa	6104	Phycomyces blakesleeanus	6176	Ramicandelaber longisporus
6035	Lecanicillium muscarium	6105	Entomophaga maimaiga	6177	Beauveria bassiana
6036	Isaria farinosa	6106	Entomophaga maimaiga	6178	Beauveria bassiana
6037	Isaria farinosa	6109	Beauveria bassiana	6179	Batko sp.
6038	Isaria farinosa	6110	Purpureocillium lilacinum	6180	Ophiocordyceps myrmecophila
6039	Beauveria bassiana	6111	Beauveria bassiana	6181	Beauveria pseudobassiana
6040	Beauveria bassiana	6112	Beauveria bassiana	6182	Beauveria bassiana
6041	Beauveria bassiana	6113	Beauveria bassiana	6183	Purpureocillium lilacinum
6042	Beauveria bassiana	6114	Purpureocillium lilacinum	6184	Beauveria bassiana
6043	Beauveria pseudobassiana	6115	Beauveria bassiana	6185	Beauveria pseudobassiana
6044	Isaria farinosa	6116	Purpureocillium lilacinum	6186	Beauveria bassiana
6045	Verticillium lecanii	6117	Purpureocillium lilacinum	6187	Beauveria bassiana
6046	Verticillium lecanii	6118	Lecanicillium muscarium	6188	Purpureocillium lilacinum
6047	Verticillium lecanii	6119	Unidentified / Zygomycetes	6189	Beauveria bassiana
6048	Isaria farinosa	6120	Metarhizium brunneum	6190	Purpureocillium lilacinum
6049	Isaria farinosa	6121	Entomophthora muscae	6191	Beauveria bassiana
6050	Verticillium lecanii	6122	Entomophthora muscae	6192	Isaria fumosorosea
6051	Entomophaga maimaiga	6123	Entomophthora muscae	6193	Paecilomyces sp.
6052	Entomophaga maimaiga	6124	Entomophthora muscae	6194	Beauveria bassiana
6053	Entomophaga maimaiga	6125	Entomophthora muscae	6195	Beauveria bassiana
6054	Entomophaga maimaiga	6126	Entomophthora muscae	6196	Beauveria bassiana
6055	Beauveria bassiana	6127	Entomophthora muscae	6197	Purpureocillium lilacinum
6056	Beauveria bassiana	6128	Entomophthora muscae	6198	Paecilomyces sp.
6057	Beauveria bassiana	6129	Entomophthora muscae	6199	Beauveria bassiana
6058	Beauveria bassiana	6130	Entomophthora muscae	6200	Isaria farinosa
6059	Beauveria bassiana	6131	Entomophthora muscae	6201	Beauveria bassiana
6060	Beauveria bassiana	6132	Entomophthora muscae	6202	Isaria farinosa
6061	Beauveria bassiana	6133	Entomophthora muscae	6203	Isaria fumosorosea
6062	Beauveria bassiana	6134	Entomophthora muscae	6204	Isaria fumosorosea
6063	Beauveria bassiana	6135	Entomophthora muscae	6205	Beauveria bassiana
6064	Beauveria bassiana	6136	Entomophthora muscae	6206	Isaria fumosorosea
6065	Beauveria bassiana	6137	Entomophthora schizophorae	6207	Isaria farinosa
6066	Beauveria bassiana	6138	Entomophthora schizophorae	6208	Beauveria bassiana
6067	Beauveria bassiana	6139	Entomophthora schizophorae	6209	Beauveria bassiana
6068	Verticillium lecanii	6140	Entomophthora muscae	6210	Batko sp.
6069	Beauveria bassiana	6141	Entomophthora muscae	6211	Furia sp.
6070	Beauveria bassiana	6142	Entomophthora schizophorae	6212	Entomophaga maimaiga
6071	Lecanicillium psalliotae	6143	Entomophthora schizophorae	6213	Beauveria brongniartii
6072	Beauveria bassiana	6144	Verticillium lecanii	6214	Beauveria brongniartii
6073	Beauveria bassiana	6145	Verticillium lecanii	6215	Beauveria brongniartii
6074	Beauveria bassiana	6146	Evlachovaea sp.	6216	Beauveria bassiana
6075	Beauveria bassiana	6147	Beauveria bassiana	6217	Beauveria bassiana
6076	Beauveria bassiana	6148	Beauveria bassiana	6218	Entomophaga maimaiga
6077	Beauveria bassiana	6149	Beauveria bassiana	6219	Neozygites floridana(?)
6078	Beauveria bassiana	6150	Beauveria bassiana	6220	Neozygites floridana(?)
6079	Beauveria bassiana	6151	Beauveria bassiana	6221	Neozygites floridana(?)
6080	Purpureocillium lilacinum	6152	Beauveria bassiana	6222	Isaria farinosa
6081	Purpureocillium lilacinum	6153	Beauveria bassiana	6223	Entomophaga maimaiga
6082	Purpureocillium lilacinum	6154	Calcarisporium parasiticum	6224	Entomophaga maimaiga
6083	Beauveria bassiana	6155	Calcarisporium arbuscula	6225	Fusarium sp.
6084	Purpureocillium lilacinum	6156	Neobarya parasitica	6226	Cladosporium sp.
6085	Verticillium lecanii	6157	Unidentified / Zygomycetes	6227	Beauveria amorphpha
6086	Beauveria bassiana	6158	Unidentified / Zygomycetes	6228	Beauveria bassiana
6087	Beauveria bassiana	6159	Unidentified / Zygomycetes	6229	Beauveria pseudobassiana
6088	Beauveria bassiana	6160	Unidentified / Zygomycetes	6230	Beauveria bassiana
6089	Beauveria bassiana	6161	Entomophaga maimaiga	6231	Beauveria bassiana
6090	Beauveria bassiana	6162	Entomophaga maimaiga	6232	Beauveria bassiana
6091	Beauveria bassiana	6163	Entomophthora muscae	6233	Beauveria bassiana
6092	Beauveria bassiana	6164	Entomophthora muscae	6234	Beauveria bassiana
6093	Beauveria bassiana	6165	Entomophthora muscae	6235	Beauveria brongniartii
6094	Purpureocillium lilacinum	6166	Pandora neoaphidis	6236	Metarhizium anisopliae sensu lato

6237	Metarhizium anisopliae sensu lato	6307	Pandora blunckii	6382	Basidiobolus ranarum
6238	Metarhizium guizhouense	6308	Pandora blunckii	6383	Conidiobolus pumilus
6239	Nomuraea rileyi	6309	Pandora blunckii	6384	Conidiobolus firmipilleus
6240	Isaria cateniannullata	6310	Pandora blunckii	6385	Conidiobolus lamprauges
6241	Isaria cateniannullata	6311	Pandora blunckii	6386	Conidiobolus heterosporus
6242	Isaria cateniannullata	6312	Pandora blunckii	6387	Beauveria bassiana
6243	Isaria cateniannullata	6313	Zoophthora radicans	6388	Metarhizium anisopliae sensu lato
6244	Isaria catenobliqua	6314	Zoophthora radicans	6389	Metarhizium anisopliae sensu lato
6245	Isaria farinosa	6315	Zoophthora radicans	6390	Beauveria bassiana
6246	Isaria farinosa	6316	Pandora blunckii	6391	Beauveria bassiana
6247	Purpureocillium lilacinum	6317	Metarhizium anisopliae sensu stricto	6392	Metarhizium brunneum
6248	Cordyceps militaris	6318	Metarhizium anisopliae sensu stricto	6393	Beauveria bassiana
6249	Isaria tenuipes	6319	Metarhizium anisopliae sensu lato	6394	Fusarium sp.
6250	Verticillium sp.	6320	Fusarium sp.	6395	Fusarium sp.
6251	Entomophthora planchoniana	6321	Metarhizium anisopliae sensu lato	6396	Fusarium sp.
6252	Entomophthora planchoniana	6322	Metarhizium anisopliae sensu lato	6397	Fusarium sp.
6253	Entomophaga maimaiga	6323	Metarhizium anisopliae sensu lato	6398	Fusarium sp.
6254	Entomophaga maimaiga	6324	Metarhizium anisopliae sensu lato	6399	Aspergillus sp.
6255	Entomophaga maimaiga	6325	Paecilomyces lilacinus(?)	6400	Fusarium sp.
6256	Entomophaga maimaiga	6326	Metarhizium anisopliae sensu lato	6401	Fusarium sp.
6257	Entomophaga maimaiga	6327	Ramicandelaber longisporus	6402	Fusarium sp.
6258	Entomophaga maimaiga	6328	Ramicandelaber longisporus	6403	Fusarium sp.
6259	Hypochoytrium catenoides	6329	Ramicandelaber longisporus	6404	Beauveria bassiana
6260	Powellomyces variabilis	6330	Ramicandelaber longisporus	6405	Aspergillus sp.
6261	Rhizophlyctis rosea	6331	Ramicandelaber longisporus	6406	Aspergillus sp.
6262	Rhizophydiump sphaerotheca	6332	Ramicandelaber longisporus	6407	Aspergillus niger
6263	Spizellomyces kniepii	6333	Ramicandelaber longisporus	6408	Aspergillus sp.
6264	Entomophaga maimaiga	6334	Ramicandelaber longisporus	6409	Fusarium sp.
6265	Entomophaga maimaiga	6335	Ramicandelaber longisporus	6410	Fusarium sp.
6266	Entomophaga maimaiga	6336	Ramicandelaber longisporus	6411	Fusarium sp.
6267	Entomophaga maimaiga	6337	Ramicandelaber longisporus	6412	Beauveria brongniartii
6268	Entomophaga maimaiga	6338	Ramicandelaber longisporus	6413	Metarhizium sp.
6269	Entomophaga maimaiga	6339	Paecilomyces sp.	6414	Metarhizium anisopliae sensu lato
6270	Entomophaga maimaiga	6340	Purpureocillium lilacinum	6415	Metarhizium anisopliae sensu lato
6271	Entomophaga maimaiga	6341	Sporothrix sp.	6416	Metarhizium flavoviride
6272	Entomophaga maimaiga	6342	Metarhizium anisopliae sensu lato	6417	Metarhizium anisopliae sensu lato
6273	Cladosporium cladosporioides	6343	Metarhizium anisopliae sensu lato	6418	Aspergillus tamarii(?)
6274	Entomophthora muscae	6344	Trichoderma viride(?)	6419	Aspergillus sp.
6275	Smittium megazygosporum	6345	Metarhizium anisopliae sensu lato	6420	Aspergillus tamarii(?)
6276	Neozygites parvispora	6346	Metarhizium anisopliae sensu lato	6421	Metarhizium acridum
6277	Neozygites parvispora	6347	Metarhizium anisopliae sensu stricto	6422	Aspergillus sp.
6278	Neozygites parvispora	6348	Fusarium sp.	6423	Aspergillus sp.
6279	Neozygites parvispora	6349	Cordyceps sp.	6424	Conidiobolus sp.
6280	Neozygites parvispora	6350	Verticillium lecanii	6425	Fusarium sp.
6281	Cordyceps sp.	6351	Fusarium sp.	6426	Beauveria bassiana
6282	Hirsutella sinensis	6352	Fusarium sp.	6427	Saprolegnia sp.
6283	Isaria catenobliqua	6353	Fusarium sp.	6428	Fusarium sp.
6284	Paecilomyces sinensis	6354	Fusarium sp.	6429	Fusarium sp.
6285	Paecilomyces sinensis	6355	Fusarium oxysporum(?)	6430	Simplicillium lanosoniveum
6286	Sporothrix insectorum	6356	Metarhizium anisopliae sensu lato	6431	Simplicillium lanosoniveum
6287	Verticillium lecanii	6357	Penicillium sp.	6432	Simplicillium lanosoniveum
6288	Isaria farinosa	6358	Fusarium sp.	6433	Lecanicillium aphanocladii
6289	Lecanicillium lecanii(?)	6359	Penicillium sp.	6434	Isaria fumosorosea
6290	Verticillium lecanii	6360	Metarhizium anisopliae sensu lato	6435	Isaria fumosorosea
6291	Verticillium lecanii	6361	Conidiobolus lamprauges	6436	Lecanicillium psalliotae
6292	Hymenostilbe sphecophila	6362	Ascospaera apis	6437	Beauveria brongniartii
6293	Pandora blunckii	6363	Ascospaera proliperda	6438	Beauveria brongniartii
6294	Pandora blunckii	6364	Aspergillus sp.	6439	Beauveria brongniartii
6295	Pandora blunckii	6365	Aspergillus niger	6440	Beauveria brongniartii
6296	Pandora blunckii	6367	Curvularia sp.	6441	Engyodontium aranearium
6297	Pandora blunckii	6369	Aspergillus sp.	6442	Cladosporium sp.
6298	Pandora blunckii	6370	Unidentified sp.	6443	Fusarium sp.
6299	Pandora blunckii	6372	Dactyella sp.	6444	Beauveria bassiana
6300	Pandora blunckii	6375	Fusarium sp.	6445	Fusarium sp.
6301	Pandora blunckii	6376	Beauveria amorphia	6446	Fusarium sp.
6302	Pandora blunckii	6377	Conidiobolus adiaceretus	6447	Fusarium sp.
6303	Zoophthora radicans	6378	Conidiobolus iuxtagenitus	6448	Simplicillium lamellicola
6304	Pandora blunckii	6379	Conidiobolus coronatus	6449	
6305	Pandora blunckii	6380	Basidiobolus ranarum	6450	Fusarium sp.
6306	Pandora blunckii	6381	Conidiobolus thromboides	6451	Fusarium sp.

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6452	Fusarium sp.	6524	Entomophaga maimaiga	6592	Metarhizium acridum
6453	Fusarium sp.	6525	Entomophthora thripidum	6593	Metarhizium flavoviride var. minus
6454	Aspergillus flavus	6526	Beauveria bassiana	6594	Metarhizium flavoviride var. minus
6455	Fusarium sp.	6527	Beauveria bassiana	6595	Metarhizium flavoviride var. minus
6457	Metarhizium anisopliae sensu lato	6528	Beauveria bassiana	6596	Metarhizium flavoviride var. minus
6458	Paecilomyces lilacinus(?)	6529	Beauveria bassiana	6597	Metarhizium acridum
6459	Beauveria bassiana	6530	Beauveria bassiana	6598	Metarhizium acridum
6460	Fusarium sp.	6531	Beauveria bassiana	6599	Metarhizium flavoviride var. minus
6461	Fusarium sp.	6532	Beauveria bassiana	6600	Metarhizium acridum
6462	Paecilomyces crustaceus(?)	6533	Beauveria sp.	6601	Metarhizium flavoviride var. minus
6463	Unidentified sp.	6534	Beauveria sp.	6602	Fusarium sp.
6464	Fusarium sp.	6535	Beauveria sp.	6603	Penicillium sp.
6465	Fusarium sp.	6536	Beauveria sp.	6604	Aspergillus sp.
6466	Unidentified sp.	6537	Beauveria sp.	6605	Zoophthora radicans
6467	Paecilomyces crustaceus(?)	6538	Pandora delphacis	6606	Verticillium lecanii
6468	Metarhizium anisopliae sensu lato	6539	Pandora delphacis	6607	Isaria farinosa
6469	Aspergillus flavus	6540	Verticillium lecanii	6608	Beauveria bassiana(?)
6470	Mucor circinelloides	6541	Verticillium lecanii	6609	Isaria farinosa
6471	Beauveria bassiana	6542	Verticillium lecanii	6610	Isaria fumosorosea
6472	Metarhizium robertsii	6543	Verticillium lecanii	6611	Isaria farinosa
6473	Septobasidium carestianum	6544	Verticillium lecanii	6612	Beauveria bassiana
6474	Metarhizium brunneum	6545	Verticillium lecanii	6613	Beauveria bassiana
6475	Metarhizium anisopliae sensu lato	6546	Metarhizium anisopliae sensu stricto	6614	Beauveria bassiana
6476	Metarhizium robertsii	6547	Verticillium lecanii	6615	Isaria fumosorosea
6477	Metarhizium brunneum	6548	Verticillium lecanii	6616	Beauveria bassiana
6478	Beauveria bassiana	6549	Metarhizium anisopliae sensu lato	6617	Beauveria bassiana
6479	Verticillium lecanii	6550	Metarhizium anisopliae var. anisopliae	6618	Beauveria bassiana
6480	Verticillium sp.	6551	Metarhizium anisopliae sensu lato	6619	Isaria farinosa
6481	Isaria farinosa	6552	Beauveria bassiana	6620	Beauveria bassiana
6482	Isaria farinosa	6553	Beauveria bassiana	6621	Purpureocillium lilacinum
6483	Beauveria bassiana	6554	Verticillium lecanii	6622	Fusarium oxysporum(?)
6484	Verticillium sp.	6555	Beauveria bassiana	6623	Isaria farinosa
6485	Verticillium sp.	6556	Beauveria bassiana	6624	Scopulariopsis sp.
6486	Verticillium sp.	6557	Beauveria bassiana	6625	Entomophaga maimaiga
6487	Verticillium lecanii	6558	Metarhizium anisopliae sensu lato	6626	Entomophaga maimaiga
6488	Isaria farinosa	6559	Beauveria bassiana	6627	Entomophaga maimaiga
6489	Isaria farinosa	6560	Beauveria bassiana	6628	Entomophaga maimaiga
6490	Isaria farinosa	6561	Verticillium lecanii	6629	Entomophaga maimaiga
6491	Isaria farinosa	6562	Isaria fumosorosea	6630	Entomophaga maimaiga
6492	Aphanocladium album	6563	Beauveria bassiana	6631	Pandora neoaphidis
6493	Isaria farinosa	6564	Beauveria bassiana	6632	Gliocladium sp.
6494	Purpureocillium lilacinum	6565	Beauveria bassiana	6633	Hirsutella thompsonii
6495	Isaria farinosa	6566	Beauveria bassiana	6634	Tolypocladium sp.
6496	Isaria farinosa	6567	Beauveria bassiana	6635	Evlachovaea sp.
6497	Isaria farinosa	6568	Beauveria bassiana	6636	Simplicillium lanosoniveum
6498	Verticillium sp.	6569	Metarhizium flavoviride var. pemphigum	6637	Simplicillium lanosoniveum
6499	Beauveria bassiana	6570	Metarhizium anisopliae sensu lato	6638	Evlachovaea sp.
6500	Verticillium sp.	6571	Aspergillus sp.	6639	Evlachovaea sp.
6501	Verticillium sp.	6572	Fusarium sp.	6640	Evlachovaea sp.
6502	Purpureocillium lilacinum	6573	Aspergillus sp.	6641	Evlachovaea sp.
6503	Unidentified / Hyphomycetes	6574	Aspergillus sp.	6642	Simplicillium lanosoniveum
6504	Unidentified / Hyphomycetes	6575	Aspergillus sp.	6643	Beauveria bassiana
6505	Conidiobolus sp.	6576	Fusarium sp.	6644	Beauveria bassiana
6507	Unidentified / Zygomycetes	6577	Beauveria amorphia	6645	Nomuraea rileyi
6508	Unidentified / Zygomycetes	6578	Beauveria bassiana	6646	Beauveria bassiana
6509	Unidentified / Zygomycetes	6579	Gliocladium(?) sp.	6647	Beauveria bassiana
6510	Unidentified / Zygomycetes	6580	Verticillium sp.	6648	Beauveria bassiana
6511	Unidentified / Zygomycetes	6581	Lecanicillium psallioteae	6649	Fusarium sp.
6512	Conidiobolus coronatus	6582	Lecanicillium psallioteae	6650	Beauveria bassiana
6513	Beauveria bassiana	6583	Gliocladium(?) sp.	6651	Verticillium lecanii
6514	Beauveria bassiana	6584	Simplicillium sp.	6652	Entomophaga maimaiga
6515	Aspergillus nidulans(?)	6585	Bipolaris sp.	6653	Entomophaga maimaiga
6516	Cladosporium sphaerospermum	6586	Cladosporium sp.	6654	Entomophaga maimaiga
6517	Entomophthora thripidum	6587	Fusarium sp.	6655	Entomophaga maimaiga
6518	Entomophthora thripidum	6588	Alternaria sp.	6656	Entomophaga maimaiga
6519	Entomophthora thripidum	6589	Fusarium sp.	6657	Entomophaga maimaiga
6520	Entomophthora thripidum	6590	Fusarium sp.	6658	Beauveria bassiana
6521	Entomophthora thripidum	6591	Lecanicillium muscarium	6659	Conidiobolus sp.
6522	Entomophthora thripidum			6660	Beauveria bassiana
6523	Entomophaga maimaiga			6661	Beauveria bassiana

6662	Conidiobolus thromboides	6733	Nomuraea rileyi	6803	Beauveria bassiana
6663	Entomophaga maimaiga	6734	Nomuraea rileyi	6804	Beauveria bassiana
6664	Entomophaga maimaiga	6735	Nomuraea rileyi	6805	Beauveria bassiana
6665	Entomophaga maimaiga	6736	Nomuraea rileyi	6806	Beauveria bassiana
6666	Entomophaga maimaiga	6737	Nomuraea rileyi	6807	Beauveria bassiana
6667	Entomophaga maimaiga	6738	Nomuraea rileyi	6808	Beauveria bassiana
6668	Entomophaga maimaiga	6739	Nomuraea rileyi	6809	Beauveria bassiana
6669	Beauveria bassiana	6740	Nomuraea rileyi	6810	Smittium culisetae
6670	Metarhizium anisopliae sensu lato	6741	Nomuraea rileyi	6811	Entomophthora muscae
6671	Metarhizium anisopliae sensu lato	6742	Nomuraea rileyi	6812	Entomophthora muscae
6672	Metarhizium anisopliae sensu lato	6743	Nomuraea rileyi	6813	Entomophthora muscae
6673	Metarhizium anisopliae sensu lato	6744	Nomuraea rileyi	6814	Entomophthora muscae
6674	Metarhizium anisopliae sensu lato	6745	Nomuraea rileyi	6815	Entomophthora muscae
6675	Metarhizium anisopliae sensu lato	6746	Nomuraea rileyi	6816	Entomophthora schizophorae
6676	Beauveria bassiana	6747	Nomuraea rileyi	6817	Entomophthora schizophorae
6677	Metarhizium anisopliae sensu lato	6748	Nomuraea rileyi	6818	Entomophthora muscae
6678	Metarhizium anisopliae sensu lato	6749	Nomuraea rileyi	6819	Entomophthora syrphi
6679	Metarhizium anisopliae sensu lato	6750	Metarhizium taii	6820	Entomophthora syrphi
6680	Metarhizium anisopliae sensu lato	6751	Metarhizium taii	6821	Entomophthora muscae
6681	Beauveria bassiana	6752	Metarhizium taii	6822	Beauveria bassiana
6682	Metarhizium anisopliae sensu lato	6753	Metarhizium taii	6823	Beauveria bassiana
6683	Metarhizium anisopliae sensu lato	6754	Metarhizium taii	6824	Beauveria bassiana
6684	Metarhizium anisopliae sensu lato	6755	Metarhizium robertsii	6825	Beauveria bassiana
6685	Metarhizium anisopliae sensu lato	6756	Metarhizium anisopliae sensu lato	6826	Beauveria bassiana
6686	Beauveria bassiana	6757	Metarhizium anisopliae sensu lato	6827	Beauveria amorpha(?)
6687	Beauveria bassiana	6758	Metarhizium anisopliae sensu lato	6828	Cordyceps gunnii
6688	Beauveria bassiana	6759	Metarhizium anisopliae sensu lato	6829	Metarhizium anisopliae sensu lato
6689	Beauveria bassiana	6760	Metarhizium anisopliae sensu lato	6830	Metarhizium anisopliae sensu lato
6690	Beauveria bassiana	6761	Metarhizium anisopliae sensu lato	6831	Metarhizium anisopliae sensu lato
6691	Beauveria sp.	6762	Metarhizium anisopliae sensu lato	6832	Metarhizium anisopliae sensu lato
6692	Beauveria bassiana	6763	Metarhizium anisopliae sensu lato	6833	Metarhizium anisopliae sensu lato
6693	Beauveria bassiana	6764	Nomuraea rileyi	6834	Metarhizium anisopliae sensu lato
6694	Metarhizium anisopliae sensu lato	6765	Nomuraea rileyi	6835	Metarhizium anisopliae sensu lato
6695	Beauveria bassiana	6766	Nomuraea rileyi	6836	Metarhizium anisopliae sensu lato
6696	Beauveria bassiana	6767	Nomuraea rileyi	6837	Metarhizium anisopliae sensu lato
6697	Beauveria bassiana	6768	Nomuraea rileyi	6838	Metarhizium anisopliae sensu lato
6698	Metarhizium anisopliae sensu lato	6769	Nomuraea rileyi	6839	Metarhizium anisopliae sensu lato
6699	Lecanicillium muscarium	6770	Nomuraea rileyi	6840	Metarhizium anisopliae sensu lato
6700	Metarhizium anisopliae sensu lato	6771	Nomuraea rileyi	6841	Metarhizium robertsii
6701	Entomophthora muscae	6772	Nomuraea rileyi	6842	Metarhizium robertsii
6702	Entomophthora syrphi	6773	Nomuraea rileyi	6843	Metarhizium robertsii
6703	Entomophthora schizophorae	6774	Nomuraea rileyi	6844	Metarhizium robertsii
6704	Entomophthora scatophagae	6775	Nomuraea rileyi	6845	Metarhizium robertsii
6705	Entomophthora scatophagae	6776	Nomuraea rileyi	6846	Metarhizium robertsii
6706	Entomophthora muscae	6777	Nomuraea rileyi	6847	Metarhizium robertsii
6707	Entomophthora muscae	6778	Nomuraea rileyi	6848	Metarhizium robertsii
6708	Entomophthora muscae	6779	Nomuraea rileyi	6849	Metarhizium anisopliae sensu lato
6709	Entomophthora muscae	6780	Nomuraea rileyi	6850	Metarhizium anisopliae sensu lato
6710	Entomophthora muscae	6781	Nomuraea rileyi	6851	Metarhizium acridum
6711	Entomophthora muscae	6782	Nomuraea rileyi	6852	Metarhizium acridum
6712	Entomophthora muscae	6783	Nomuraea rileyi	6853	Metarhizium acridum
6713	Entomophthora muscae	6784	Nomuraea rileyi	6854	Metarhizium acridum
6714	Entomophthora muscae	6785	Nomuraea rileyi	6855	Metarhizium acridum
6715	Entomophthora muscae	6786	Nomuraea rileyi	6856	Metarhizium acridum
6716	Entomophthora muscae	6787	Nomuraea rileyi	6857	Metarhizium acridum
6717	Entomophthora muscae	6788	Isaria tenuipes	6858	Metarhizium acridum
6718	Leptolegnia chapmani	6789	Isaria fumosorosea	6859	Metarhizium acridum
6719	Cordyceps staphylinidaecola	6790	Fusarium sp.	6860	Metarhizium anisopliae sensu lato
6720	Cordyceps staphylinidaecola	6791	Lecanicillium lecanii	6861	Metarhizium anisopliae sensu lato
6721	Beauveria bassiana	6792	Lecanicillium muscarium	6862	Metarhizium anisopliae sensu lato
6722	Beauveria bassiana	6793	Beauveria bassiana	6863	Metarhizium anisopliae sensu lato
6723	Beauveria bassiana	6794	Beauveria bassiana	6864	Metarhizium robertsii
6724	Entomophaga maimaiga	6795	Beauveria bassiana	6865	Metarhizium robertsii
6725	Entomophaga maimaiga	6796	Beauveria bassiana	6866	Nomuraea rileyi
6726	Entomophaga maimaiga	6797	Isaria fumosorosea	6867	Nomuraea rileyi
6727	Entomophaga maimaiga	6798	Isaria fumosorosea	6868	Nomuraea rileyi
6728	Entomophaga maimaiga	6799	Isaria fumosorosea	6869	Nomuraea rileyi
6729	Entomophaga maimaiga	6800	Isaria fumosorosea	6870	Nomuraea rileyi
6730	Isaria fumosorosea	6801	Beauveria bassiana	6871	Nomuraea rileyi
6732	Nomuraea rileyi	6802	Beauveria bassiana	6872	Nomuraea rileyi

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6873	Nomuraea rileyi	6943	Beauveria bassiana	7013	Conidiobolus coronatus
6874	Nomuraea rileyi	6944	Beauveria bassiana	7014	Metarhizium anisopliae sensu lato
6875	Nomuraea rileyi	6945	Beauveria bassiana	7015	Metarhizium anisopliae sensu lato
6876	Nomuraea rileyi	6946	Beauveria bassiana	7016	Metarhizium anisopliae sensu lato
6877	Nomuraea rileyi	6947	Beauveria bassiana	7017	Metarhizium anisopliae sensu lato
6878	Nomuraea rileyi	6948	Beauveria bassiana	7018	Metarhizium anisopliae sensu lato
6879	Nomuraea rileyi	6949	Beauveria bassiana	7019	Metarhizium anisopliae sensu lato
6880	Nomuraea rileyi	6950	Beauveria bassiana	7020	Metarhizium anisopliae sensu lato
6881	Nomuraea rileyi	6951	Beauveria bassiana	7021	Metarhizium anisopliae sensu lato
6882	Nomuraea rileyi	6952	Beauveria bassiana	7022	Metarhizium anisopliae sensu lato
6883	Paecilomyces sp.	6953	Beauveria bassiana	7023	Metarhizium anisopliae sensu lato
6884	Beauveria bassiana	6954	Beauveria bassiana	7024	Metarhizium anisopliae sensu lato
6885	Beauveria bassiana	6955	Beauveria bassiana	7025	Metarhizium anisopliae sensu lato
6886	Lecanicillium lecanii	6956	Beauveria bassiana	7026	Metarhizium anisopliae sensu lato
6887	Lecanicillium lecanii	6957	Beauveria bassiana	7027	Aspergillus ochraceus(?)
6888	Lecanicillium lecanii	6958	Metarhizium anisopliae sensu lato	7028	Isaria poprawskii
6889	Isaria tenuipes	6959	Metarhizium anisopliae sensu lato	7029	Isaria fumosorosea
6890	Beauveria bassiana(?)	6960	Metarhizium anisopliae sensu lato	7030	Beauveria bassiana
6891	Beauveria bassiana(?)	6961	Ophiocordyceps robertsii	7031	Acremonium(?) sp.
6892	Beauveria bassiana(?)	6962	Drechmeria coniospora	7032	Beauveria kipukae
6893	Isaria fumosorosea	6963	Drechmeria coniospora	7033	Cladosporium cladosporioides(?)
6894	Beauveria bassiana	6964	Drechmeria coniospora	7034	Lecanicillium muscarium
6895	Unidentified sp.	6965	Drechmeria coniospora	7035	Cladosporium sp.
6896	Gliocladium(?) sp.	6966	Drechmeria coniospora	7036	Acremonium(?) sp.
6897	Beauveria bassiana	6967	Beauveria bassiana	7037	Lecanicillium muscarium
6898	Aspergillus sp.	6968	Beauveria bassiana	7038	Sporothrix sp.
6899	Unidentified sp.	6969	Beauveria bassiana	7039	Cladosporium sp.
6900	Beauveria bassiana	6970	Beauveria bassiana	7040	Paecilomyces reniformis
6901	Metarhizium anisopliae sensu lato	6971	Beauveria pseudobassiana	7041	Paecilomyces reniformis
6902	Pandora neoaphidis	6972	Beauveria pseudobassiana	7042	Sporothrix sp.
6903	Beauveria bassiana	6973	Beauveria bassiana	7043	Beauveria sungii
6904	Beauveria bassiana	6974	Beauveria bassiana	7044	Beauveria sungii
6905	Beauveria bassiana	6975	Beauveria bassiana	7045	Fusarium sp.
6906	Beauveria bassiana	6976	Beauveria bassiana	7046	Fusarium sp.
6907	Beauveria bassiana	6977	Beauveria bassiana	7047	Cordyceps bassiana
6908	Beauveria bassiana	6978	Beauveria bassiana	7048	Aspergillus sp.
6909	Metarhizium anisopliae sensu lato	6979	Beauveria bassiana	7049	Beauveria bassiana
6910	Metarhizium anisopliae sensu lato	6980	Beauveria bassiana	7050	Isaria fumosorosea
6911	Metarhizium anisopliae sensu lato	6981	Beauveria bassiana	7051	Isaria fumosorosea
6912	Aschersonia insperata	6982	Beauveria bassiana	7052	Nomuraea rileyi
6913	Conidiobolus antarcticus	6983	Isaria farinosa	7053	Nomuraea rileyi
6914	Lecanicillium muscarium	6984	Beauveria bassiana	7054	Nomuraea rileyi
6915	Lecanicillium lecanii	6985	Purpureocillium lilacinum	7055	Nomuraea rileyi
6916	Isaria fumosorosea	6986	Beauveria bassiana	7056	Nomuraea rileyi
6917	Zoophthora radicans	6987	Beauveria bassiana	7057	Penicillium vulpinum
6918	Entomophthora ferdinandii	6988	Beauveria bassiana	7058	Beauveria brongniartii
6919	Ophiocordyceps heteropoda	6989	Metarhizium anisopliae sensu lato	7059	Metarhizium anisopliae sensu lato
6920	Beauveria bassiana	6990	Metarhizium anisopliae sensu lato	7060	Beauveria bassiana
6921	Beauveria bassiana	6991	Metarhizium anisopliae sensu lato	7061	Beauveria bassiana
6922	Beauveria bassiana	6992	Metarhizium anisopliae sensu lato	7062	Beauveria bassiana
6923	Beauveria bassiana	6993	Metarhizium anisopliae sensu lato	7063	Fusarium sp.
6924	Beauveria bassiana	6994	Metarhizium anisopliae sensu lato	7064	Paecilomyces sp.
6925	Isaria sinclairii	6995	Metarhizium anisopliae sensu lato	7065	Paecilomyces sp.
6926	Nomuraea cylindrospora	6996	Metarhizium anisopliae sensu lato	7066	Unidentified / Hyphomycetes
6927	Nomuraea viridulus	6997	Metarhizium anisopliae sensu lato	7067	Unidentified / Hyphomycetes
6928	Fusarium sp.	6998	Metarhizium anisopliae sensu lato	7068	Batkoia papillata(?)
6929	Beauveria bassiana	6999	Metarhizium anisopliae sensu lato	7069	Isaria fumosorosea
6930	Metarhizium anisopliae sensu lato	7000	Metarhizium anisopliae sensu lato	7070	Unidentified sp.
6931	Beauveria bassiana	7001	Metarhizium anisopliae sensu lato	7071	Aschersonia sp.
6932	Beauveria bassiana	7002	Metarhizium anisopliae sensu lato	7072	Tilachlidium sp.
6933	Beauveria bassiana	7003	Metarhizium anisopliae sensu lato	7073	Aschersonia sp.
6934	Beauveria bassiana	7004	Metarhizium anisopliae sensu lato	7074	Unidentified / Hyphomycetes
6935	Beauveria bassiana	7005	Metarhizium anisopliae sensu lato	7075	Paecilomyces sp.
6936	Beauveria bassiana	7006	Metarhizium anisopliae sensu lato	7076	Unidentified / Hyphomycetes
6937	Beauveria bassiana	7007	Metarhizium anisopliae sensu lato	7077	Aschersonia sp.
6938	Beauveria bassiana	7008	Metarhizium anisopliae sensu lato	7078	Unidentified / Hyphomycetes
6939	Beauveria bassiana	7009	Metarhizium anisopliae sensu lato	7079	Beauveria sp.
6940	Beauveria bassiana	7010	Conidiobolus coronatus	7080	Aschersonia turbinata
6941	Beauveria bassiana	7011	Conidiobolus coronatus	7081	Unidentified / Hyphomycetes
6942	Beauveria bassiana	7012	Conidiobolus coronatus	7082	Aschersonia sp.

7083	Aschersonia sp.	7153	Beauveria bassiana	7223	Torrubiella sp.
7084	Aschersonia sp.	7154	Beauveria bassiana	7224	Lecanicillium muscarium
7085	Aschersonia sp.	7155	Beauveria bassiana	7226	Pandora neoaphidis
7086	Unidentified / Hyphomycetes	7156	Beauveria bassiana	7227	Unidentified Entomophthorales sp.
7087	Aschersonia sp.	7157	Beauveria bassiana	7228	Unidentified Entomophthorales sp.
7088	Torrubiella sp.	7158	Beauveria bassiana	7229	Unidentified Entomophthorales sp.
7089	Balansia sp.	7159	Beauveria bassiana	7230	Unidentified Entomophthorales sp.
7090	Clavicipitaceae anamorph	7160	Beauveria bassiana	7231	Nomuraea atypicola
7091	Aschersonia sp.	7161	Beauveria bassiana	7232	Torrubiella piperis
7092	Aschersonia sp.	7162	Beauveria bassiana	7233	Fusarium sp.
7093	Beauveria bassiana	7163	Beauveria bassiana	7234	Metarhizium brunneum
7094	Isaria farinosa	7164	Beauveria bassiana	7235	Beauveria bassiana
7095	Polycephalomyces ramosus	7165	Beauveria bassiana	7236	Beauveria bassiana
7096	Septobasidium apiculatum	7166	Beauveria bassiana	7237	Beauveria bassiana
7097	Septobasidium burttii	7167	Beauveria bassiana	7238	Beauveria bassiana
7098	Septobasidium burttii	7168	Beauveria bassiana	7239	Beauveria bassiana
7099	Penicillium sumatrense	7169	Beauveria bassiana	7240	Beauveria bassiana
7100	Smittium culisetae	7170	Beauveria bassiana	7241	Beauveria bassiana
7101	Entomophaga maimaiga	7171	Beauveria bassiana	7242	Beauveria pseudobassiana
7102	Entomophaga maimaiga	7172	Beauveria bassiana	7243	Isaria farinosa
7103	Entomophaga maimaiga	7173	Beauveria bassiana	7244	Beauveria bassiana
7104	Entomophaga maimaiga	7174	Beauveria bassiana	7245	Isaria farinosa
7105	Entomophaga maimaiga	7175	Beauveria bassiana	7246	Beauveria bassiana
7106	Entomophaga maimaiga	7176	Beauveria bassiana	7247	Beauveria bassiana
7107	Entomophaga maimaiga	7177	Beauveria bassiana	7248	Lecanicillium muscarium
7108	Entomophaga maimaiga	7178	Beauveria bassiana	7249	Isaria farinosa
7109	Entomophaga maimaiga	7179	Beauveria bassiana	7250	Beauveria bassiana
7110	Entomophaga maimaiga	7180	Metarhizium anisopliae sensu lato	7251	Beauveria bassiana
7111	Entomophaga maimaiga	7181	Lecanicillium lecanii	7252	Beauveria bassiana
7112	Entomophaga maimaiga	7182	Lecanicillium lecanii	7253	Beauveria bassiana
7113	Entomophaga maimaiga	7183	Entomophaga maimaiga	7254	Beauveria bassiana
7114	Entomophaga maimaiga	7184	Entomophaga maimaiga	7255	Beauveria bassiana
7115	Entomophaga maimaiga	7185	Entomophaga maimaiga	7256	Beauveria bassiana
7116	Entomophaga maimaiga	7186	Entomophaga maimaiga	7257	Beauveria bassiana
7117	Beauveria caledonica	7187	Entomophaga maimaiga	7258	Beauveria bassiana
7118	Isaria farinosa	7188	Entomophaga maimaiga	7259	Beauveria bassiana
7119	Isaria javanica	7189	Entomophaga maimaiga	7260	Beauveria bassiana
7120	Entomophaga maimaiga	7190	Entomophaga maimaiga	7261	Beauveria bassiana
7121	Entomophaga maimaiga	7191	Batrachochytrium dendrobatidis	7262	Isaria farinosa
7122	Entomophaga maimaiga	7192	Cordyceps cardinalis	7263	Isaria farinosa
7123	Entomophaga maimaiga	7193	Cordyceps cardinalis	7264	Beauveria bassiana
7124	Entomophaga maimaiga	7194	Cordyceps cardinalis	7265	Beauveria bassiana
7125	Entomophaga maimaiga	7195	Cordyceps cardinalis	7266	Beauveria bassiana
7126	Entomophaga maimaiga	7196	Cordyceps cardinalis	7267	Beauveria bassiana
7127	Entomophaga maimaiga	7197	Cordyceps cardinalis	7268	Beauveria brongniartii
7128	Pochonia chlamydosporia	7198	Cordyceps cardinalis	7269	Beauveria bassiana
7129	Tolypocladium cylindrosporum	7199	Cordyceps cardinalis	7270	Beauveria bassiana
7130	Nomuraea atypicola	7200	Clonostachys rosea	7271	Beauveria bassiana
7131	Entomophaga maimaiga	7201	Beauveria bassiana	7272	Beauveria bassiana
7132	Entomophaga maimaiga	7202	Beauveria bassiana	7273	Beauveria bassiana
7133	Entomophaga maimaiga	7203	Conidiobolus coronatus	7274	Beauveria bassiana
7134	Entomophaga maimaiga	7204	Isaria fumosorosea	7275	Beauveria bassiana
7135	Entomophaga maimaiga	7205	Isaria fumosorosea	7276	Isaria farinosa
7136	Entomophaga maimaiga	7206	Lecanicillium longisporum	7277	Cordyceps scarabaeicola
7137	Entomophaga maimaiga	7207	Lecanicillium lecanii	7278	Cordyceps scarabaeicola
7138	Entomophaga maimaiga	7208	Zoophthora radicans	7279	Beauveria sungii
7139	Entomophaga maimaiga	7209	Conidiobolus thromboides	7280	Beauveria sungii
7140	Entomophaga aulicae	7210	Conidiobolus thromboides	7281	Beauveria sungii
7141	Entomophaga aulicae	7211	Conidiobolus thromboides	7282	Acremonium alternatum
7142	Entomophaga aulicae	7212	Pandora neoaphidis	7283	Fusarium sp.
7143	Entomophaga aulicae	7213	Pandora neoaphidis	7284	Isaria fumosorosea
7144	Entomophaga aulicae	7214	Pandora neoaphidis	7285	Sympastospora parasitica
7145	Entomophaga aulicae	7215	Conidiobolus thromboides	7286	Hirsutella rhossiliensis
7146	Candida cf. pseudoglaebosa	7216	Conidiobolus sp.	7287	Hirsutella rhossiliensis
7147	Beauveria bassiana	7217	Conidiobolus obscurus	7288	Hirsutella minnesotensis
7148	Nomuraea rileyi	7218	Evlachovaea kintrischica	7289	Hirsutella minnesotensis
7149	Nomuraea rileyi	7219	Isaria farinosa(?)	7290	Hirsutella minnesotensis
7150	Nomuraea rileyi	7220	Ophiocordyceps nutans	7291	Hirsutella minnesotensis
7151	Nomuraea rileyi	7221	Cordyceps pruinosa	7292	Hirsutella rhossiliensis
7152	Beauveria bassiana	7222	Cordyceps pseudoinsignis	7293	Hirsutella rhossiliensis

7294	Hirsutella minnesotensis	7369	Metarhizium frigidum
7295	Hirsutella rhossiliensis	7370	Batkoa sp.
7296	Aschersonia turbinata	7371	Entomophthora muscae
7297	Aschersonia turbinata	7372	Evlachovaea sp.
7298	Aschersonia turbinata	7373	Lecanicillium sp.
7299	Aschersonia turbinata	7374	Unidentified / Hyphomycetes
7300	Aschersonia turbinata	7375	Lecanicillium muscarium
7301	Aschersonia turbinata	7376	Beauveria brongniartii
7302	Aschersonia turbinata	7377	Beauveria bassiana
7303	Aschersonia turbinata	7378	Beauveria bassiana
7304	Aschersonia turbinata	7379	Beauveria bassiana
7305	Aschersonia turbinata	7380	Beauveria bassiana
7306	Aschersonia turbinata	7381	Fusarium sp.
7307	Aschersonia cubensis	7382	Fusarium sp.
7308	Aschersonia cubensis	7383	Unidentified / Hyphomycetes
7309	Aschersonia cubensis	7384	Unidentified / Hyphomycetes
7310	Aschersonia sp.	7385	Lecanicillium lecanii
7311	Aschersonia sp.	7386	Unidentified / Hyphomycetes
7312	Aschersonia cubensis	7387	Gibellula sp.
7313	Aschersonia sp.	7388	Paecilomyces sp.
7314	Aschersonia sp.	7389	Metarhizium sp.
7315	Aschersonia turbinata	7390	Aschersonia rhombispora
7316	Aschersonia turbinata	7391	Aschersonia andropogonis
7317	Aschersonia sp.	7392	Unidentified / Hyphomycetes
7318	Aschersonia sp.	7393	Aschersonia aleyrodis
7319	Aschersonia sp.	7394	Aschersonia aleyrodis
7320	Aschersonia sp.	7395	Aschersonia rhombispora
7321	Aschersonia sp.	7396	Hypocrella andropogonis
7322	Aschersonia sp.	7397	Hypocrella andropogonis
7323	Aschersonia sp.	7398	Aschersonia andropogonis
7324	Aschersonia sp.	7399	Aschersonia rhombispora
7325	Aschersonia sp.	7400	Aschersonia rhombispora
7326	Aschersonia sp.	7401	Hypocrella phyllogena
7327	Aschersonia sp.	7402	Acremonium sp.
7328	Aschersonia sp.	7403	Evlachovaea sp.
7329	Aschersonia sp.	7404	Beauveria bassiana
7331	Aschersonia turbinata	7405	Ascospaera apis
7332	Aschersonia turbinata	7406	Ascospaera apis
7333	Aschersonia turbinata	7407	Lecanicillium sp.
7334	Aschersonia cubensis	7408	Lecanicillium lecanii
7335	Aschersonia turbinata	7409	Fusarium coccophilum
7336	Aschersonia turbinata	7410	Metarhizium pingshaense
7337	Aschersonia sp.	7411	Metarhizium anisopliae sensu lato
7338	Aschersonia sp.	7412	Metarhizium lepidiotae
7339	Aschersonia aleyrodis	7413	Metarhizium robertsii
7340	Aschersonia aleyrodis	7414	Metarhizium pingshaense
7341	Aschersonia andropogonis	7415	Metarhizium pingshaense
7342	Aschersonia andropogonis	7416	Metarhizium pingshaense
7343	Aschersonia aleyrodis	7417	Metarhizium pingshaense
7344	Aschersonia aleyrodis	7418	Metarhizium anisopliae sensu stricto
7345	Unidentified / Hyphomycetes	7419	Metarhizium anisopliae sensu stricto
7346	Hirsutella sp.	7420	Metarhizium guizhouense
7347	Isaria fumosorosea	7421	Metarhizium pingshaense
7348	Nomuraea atypicola	7422	Metarhizium pingshaense
7349	Unidentified / Hyphomycetes	7423	Metarhizium anisopliae sensu stricto
7350	Unidentified / Hyphomycetes	7424	Metarhizium robertsii
7351	Akanthomyces aculeatus	7425	Metarhizium pingshaense
7352	Entomophaga maimaiga	7426	Metarhizium anisopliae sensu stricto
7353	Entomophaga maimaiga	7427	Metarhizium anisopliae sensu stricto
7354	Ascopolyporus philodendrus	7428	Metarhizium anisopliae sensu stricto
7355	Ascopolyporus villosus	7429	Metarhizium pingshaense
7356	Beauveria bassiana	7430	Metarhizium anisopliae sensu stricto
7357	Beauveria bassiana	7431	Metarhizium pingshaense
7358	Beauveria bassiana	7432	Metarhizium anisopliae sensu stricto
7359	Beauveria bassiana	7433	Metarhizium brunneum
7362	Beauveria bassiana	7434	Metarhizium brunneum
7363	Beauveria bassiana	7435	Metarhizium pingshaense
7364	Beauveria bassiana	7436	Metarhizium frigidum
7365	Beauveria bassiana	7437	Metarhizium frigidum
7368	Ascospaera sp.	7438	Metarhizium frigidum
		7439	Metarhizium frigidum
		7440	Metarhizium frigidum
		7441	Metarhizium frigidum
		7442	Metarhizium frigidum
		7443	Metarhizium frigidum
		7444	Metarhizium frigidum
		7445	Metarhizium frigidum
		7446	Metarhizium frigidum
		7447	Metarhizium frigidum
		7448	Metarhizium frigidum
		7449	Metarhizium robertsii
		7450	Metarhizium anisopliae sensu stricto
		7451	Metarhizium anisopliae sensu lato
		7452	Metarhizium anisopliae sensu lato
		7453	Metarhizium anisopliae var. lepidotae
		7454	Zooplthora sp.
		7455	Zooplthora radicans
		7456	Tolyphocladium cylindrosporum
		7457	Lecanicillium longisporum
		7458	Lecanicillium longisporum
		7459	Lecanicillium longisporum
		7460	Lecanicillium muscarium
		7461	Lecanicillium longisporum
		7462	Lecanicillium lecanii
		7463	Beauveria sp.
		7464	Beauveria bassiana
		7465	Beauveria bassiana
		7466	Beauveria bassiana
		7467	Beauveria bassiana
		7468	Beauveria bassiana
		7469	Beauveria bassiana
		7470	Beauveria bassiana
		7471	Beauveria bassiana
		7472	Clonostachys rosea
		7473	Fusarium sp.
		7474	Metarhizium anisopliae sensu lato
		7475	Metarhizium anisopliae sensu lato
		7476	Metarhizium anisopliae sensu lato
		7477	Isaria javanica
		7478	Purpureocillium lilacinum
		7479	Nomuraea rileyi
		7480	Nomuraea rileyi
		7481	Nomuraea rileyi
		7482	Nomuraea rileyi
		7483	Nomuraea rileyi
		7484	Nomuraea rileyi
		7485	Metarhizium anisopliae sensu lato
		7486	Metarhizium acridum
		7487	Metarhizium anisopliae sensu stricto
		7488	Metarhizium lepidiotae
		7489	Metarhizium anisopliae sensu lato
		7490	Metarhizium anisopliae sensu lato
		7491	Metarhizium flavoviride var. pemphigum
		7492	Metarhizium anisopliae sensu lato
		7493	Metarhizium sp.
		7494	Metarhizium anisopliae sensu lato
		7495	Metarhizium sp.
		7496	Metarhizium anisopliae sensu lato
		7497	Metarhizium sp.
		7498	Metarhizium anisopliae sensu lato
		7499	Metarhizium anisopliae sensu lato
		7500	Metarhizium anisopliae sensu lato
		7501	Metarhizium robertsii
		7502	Metarhizium guizhouense
		7503	Metarhizium anisopliae sensu lato
		7504	Metarhizium anisopliae sensu lato
		7505	Metarhizium majus
		7506	Metarhizium anisopliae sensu lato

7507	Metarhizium guizhouense	7580	Beauveria sp.	7650	Aschersonia viridans
7508	Clavicipitaceae anamorph	7581	Beauveria bassiana	7652	Aschersonia viridans
7509	Clavicipitaceae anamorph	7582	Beauveria sp.	7653	Aschersonia viridans
7510	Clavicipitaceae anamorph	7583	Beauveria bassiana	7654	Clavicipitaceae anamorph
7511	Clavicipitaceae anamorph	7584	Beauveria sp.	7655	Hyperdermium sp.
7514	Clavicipitaceae anamorph	7585	Beauveria bassiana	7656	Aschersonia sp.
7515	Clavicipitaceae anamorph	7586	Beauveria sp.	7657	Clavicipitaceae anamorph
7516	Cordyceps brongniartii	7587	Beauveria sp.	7658	Torrubiella(?) sp.
7517	Cordyceps brongniartii	7588	Beauveria sp.	7659	Aschersonia aleyrodis
7518	Unidentified / Hyphomycetes	7589	Beauveria sp.	7660	Aschersonia andropogonis
7519	Beauveria bassiana	7590	Beauveria bassiana	7661	Aschersonia placenta
7520	Beauveria bassiana	7591	Beauveria sp.	7662	Aschersonia andropogonis
7521	Beauveria bassiana	7592	Beauveria bassiana	7663	Hypocrella discoidea
7522	Metarhizium anisopliae var. acridum	7593	Beauveria bassiana	7664	Hypocrella sp.
7523	Isaria fumosorosea	7594	Beauveria sp.	7665	Clavicipitaceae anamorph
7524	Metarhizium anisopliae sensu lato	7595	Beauveria sp.	7666	Aschersonia aleyrodis
7525	Beauveria bassiana	7596	Beauveria bassiana	7667	Hypocrella amazonica
7526	Beauveria bassiana	7597	Beauveria sp.	7668	Hypocrella discoidea
7527	Metarhizium anisopliae sensu lato	7598	Beauveria sp.	7669	Hypocrella amazonica
7528	Beauveria brongniartii	7599	Evlachovaea sp.	7670	Aschersonia incrassata
7529	Metarhizium anisopliae sensu lato	7600	Evlachovaea sp.	7671	Aschersonia cubensis
7530	Lecanicillium lecanii	7601	Evlachovaea sp.	7672	Aschersonia andropogonis
7531	Isaria farinosa	7602	Evlachovaea sp.	7673	Torrubiella sp.
7532	Metarhizium anisopliae sensu lato	7603	Aschersonia placenta	7674	Aschersonia viridans
7533	Beauveria bassiana	7604	Aschersonia placenta	7675	Aschersonia turbinata
7534	Beauveria bassiana	7605	Hypocrella javanica	7676	Aschersonia cubensis
7535	Metarhizium anisopliae sensu lato	7606	Hypocrella raciborskii	7677	Aschersonia aleyrodis
7536	Metarhizium anisopliae sensu lato	7607	Aschersonia placenta	7678	Unidentified / Hyphomycetes
7537	Metarhizium anisopliae sensu lato	7608	Aschersonia andropogonis	7679	Unidentified / Hyphomycetes
7538	Metarhizium anisopliae sensu lato	7609	Aschersonia placenta	7680	Hypocrella amazonica
7539	Tolypocladium cylindrosporum	7610	Clavicipitaceae anamorph	7681	Hypocrella discoidea
7540	Beauveria bassiana	7611	Aschersonia basicystis	7682	Regiocrella cameronensis
7541	Beauveria bassiana	7612	Metarhizium anisopliae sensu lato	7683	Clavicipitaceae anamorph
7542	Beauveria amorphia	7613	Metarhizium anisopliae sensu lato	7684	Clavicipitaceae anamorph
7543	Evlachovaea sp.	7614	Metarhizium anisopliae sensu lato	7685	Aschersonia andropogonis
7544	Lecanicillium sp.	7615	Metarhizium anisopliae sensu lato	7686	Aschersonia placenta
7545	Purpureocillium lilacinum	7616	Aschersonia placenta	7687	Clavicipitaceae anamorph
7546	Purpureocillium lilacinum	7617	Aschersonia aleyrodis	7688	Clavicipitaceae anamorph
7547	Purpureocillium lilacinum	7618	Clavicipitaceae anamorph	7689	Clavicipitaceae anamorph
7548	Purpureocillium lilacinum	7619	Clavicipitaceae anamorph	7690	Clavicipitaceae anamorph
7550	Lecanicillium lecanii	7620	Lecanicillium muscarium	7691	Clavicipitaceae anamorph
7551	Evlachovaea sp.	7621	Lecanicillium muscarium	7692	Clavicipitaceae anamorph
7552	Beauveria bassiana	7622	Lecanicillium sp.	7693	Clavicipitaceae anamorph
7553	Beauveria bassiana	7623	Simplicillium lanosoniveum	7694	Clavicipitaceae anamorph
7554	Beauveria bassiana	7624	Lecanicillium sp.	7695	Clavicipitaceae anamorph
7555	Beauveria brongniartii	7625	Lecanicillium sp.	7696	Hypocrella africana
7556	Beauveria brongniartii	7626	Lecanicillium sp.	7697	Aschersonia napoleonae
7557	Beauveria brongniartii	7627	Lecanicillium sp.	7698	Aschersonia andropogonis
7558	Beauveria brongniartii	7628	Lecanicillium sp.	7699	Aschersonia sp.
7559	Beauveria brongniartii	7629	Lecanicillium sp.	7700	Aschersonia cubensis
7560	Beauveria brongniartii	7630	Lecanicillium sp.	7701	Torrubiella sp.
7561	Beauveria brongniartii	7631	Lecanicillium muscarium	7702	Aschersonia cubensis
7562	Beauveria sp.	7632	Lecanicillium sp.	7703	Aschersonia cubensis
7563	Beauveria sp.	7633	Lecanicillium muscarium	7704	Aschersonia cubensis
7564	Beauveria sp.	7634	Lecanicillium sp.	7705	Hypocrella sp.
7565	Beauveria sp.	7635	Lecanicillium sp.	7706	Aschersonia aleyrodis
7566	Beauveria sp.	7636	Lecanicillium sp.	7707	Aschersonia aleyrodis
7567	Beauveria sp.	7637	Aschersonia placenta	7708	Torrubiella sp.
7568	Lecanicillium muscarium	7638	Aschersonia andropogonis	7709	Gibellula sp.
7569	Metarhizium anisopliae sensu lato	7639	Aschersonia andropogonis	7710	Hypocrea rufa
7570	Metarhizium anisopliae sensu lato	7640	Clavicipitaceae anamorph	7711	Metarhizium brunneum
7571	Metarhizium anisopliae sensu lato	7641	Aschersonia aleyrodis	7712	Engyodontium album
7572	Metarhizium anisopliae sensu lato	7642	Aschersonia aleyrodis	7713	Engyodontium album
7573	Metarhizium anisopliae sensu lato	7643	Metarhizium sp.	7714	Isaria farinosa
7574	Isaria farinosa	7644	Metarhizium anisopliae sensu lato	7715	Isaria farinosa
7575	Isaria farinosa	7645	Metarhizium sp.	7716	Isaria fumosorosea
7576	Isaria farinosa	7646	Clavicipitaceae anamorph	7717	Isaria farinosa
7577	Akanthomyces clavatus	7647	Aschersonia cubensis	7718	Isaria farinosa
7578	Hirsutella sp.	7648	Aschersonia cubensis	7719	Isaria farinosa
7579	Beauveria sp.	7649	Clavicipitaceae anamorph	7720	Isaria farinosa

7721	Paecilomyces sp.	7791	Nomuraea rileyi	7860	Metarhizium anisopliae sensu lato
7722	Isaria farinosa	7792	Nomuraea rileyi	7861	Metarhizium anisopliae sensu lato
7723	Isaria farinosa	7793	Nomuraea rileyi	7862	Metarhizium anisopliae sensu lato
7724	Isaria farinosa	7794	Nomuraea rileyi	7863	Metarhizium anisopliae sensu lato
7725	Isaria farinosa	7795	Beauveria bassiana	7864	Metarhizium anisopliae sensu lato
7726	Isaria farinosa	7796	Beauveria bassiana	7865	Metarhizium anisopliae sensu lato
7727	Isaria farinosa	7797	Aspergillus niger	7866	Metarhizium anisopliae sensu lato
7728	Isaria farinosa	7798	Aspergillus niger	7867	Metarhizium anisopliae sensu lato
7729	Isaria farinosa	7799	Aspergillus niger	7868	Metarhizium anisopliae sensu lato
7730	Isaria farinosa	7800	Paecilomyces sp.	7869	Metarhizium anisopliae sensu lato
7731	Isaria farinosa	7801	Paecilomyces sp.	7870	Metarhizium anisopliae sensu lato
7732	Isaria farinosa	7802	Unidentified / Hyphomycetes	7871	Metarhizium anisopliae sensu lato
7733	Isaria farinosa	7803	Paecilomyces sp.	7872	Metarhizium anisopliae sensu lato
7734	Isaria farinosa	7804	Myrothecium sp.	7873	Metarhizium anisopliae sensu lato
7735	Isaria tenuipes	7805	Engyodontium rectidentatum	7874	Metarhizium anisopliae sensu lato
7736	Isaria farinosa	7806	Unidentified / Hyphomycetes	7875	Metarhizium anisopliae sensu lato
7737	Isaria farinosa	7807	Cordyceps sp.	7876	Metarhizium anisopliae sensu lato
7738	Lecanicillium muscarium	7808	Cordyceps sp.	7877	Beauveria bassiana
7739	Isaria farinosa	7809	Cordyceps militaris	7878	Beauveria bassiana
7740	Isaria fumosorosea	7810	Cordyceps militaris	7879	Metarhizium anisopliae sensu lato
7741	Paecilomyces sp.	7811	Cordyceps sp.	7880	Metarhizium anisopliae sensu lato
7742	Paecilomyces sp.	7812	Tolypocladium cylindrosporum	7881	Metarhizium anisopliae sensu lato
7743	Isaria fumosorosea	7813	Beauveria bassiana	7882	Metarhizium anisopliae sensu lato
7744	Paecilomyces sp.	7814	Metarhizium anisopliae sensu lato	7883	Metarhizium anisopliae sensu lato
7745	Paecilomyces sp.	7815	Metarhizium anisopliae sensu lato	7884	Metarhizium anisopliae sensu lato
7746	Paecilomyces sp.	7816	Metarhizium anisopliae sensu lato	7885	Metarhizium anisopliae sensu lato
7747	Paecilomyces sp.	7817	Metarhizium anisopliae sensu lato	7886	Metarhizium anisopliae sensu lato
7748	Hypocrella macrostroma	7818	Metarhizium anisopliae sensu lato	7887	Metarhizium anisopliae sensu lato
7749	Aschersonia basicystis	7819	Metarhizium anisopliae sensu lato	7888	Metarhizium anisopliae sensu lato
7750	Aschersonia basicystis	7820	Metarhizium anisopliae sensu lato	7889	Beauveria bassiana
7751	Aschersonia sp.	7821	Metarhizium anisopliae sensu lato	7890	Beauveria bassiana
7752	Hypocrella phyllogena	7822	Metarhizium anisopliae sensu lato	7891	Beauveria bassiana
7753	Clavicipitaceae anamorph	7823	Metarhizium anisopliae sensu lato	7892	Metarhizium anisopliae sensu lato
7754	Aschersonia andropogonis	7824	Metarhizium anisopliae sensu lato	7893	Metarhizium anisopliae sensu lato
7755	Aschersonia andropogonis	7825	Metarhizium anisopliae sensu lato	7894	Metarhizium anisopliae sensu lato
7756	Paecilomyces sp.	7826	Metarhizium anisopliae sensu lato	7895	Metarhizium anisopliae sensu lato
7757	Myrothecium verrucaria	7827	Metarhizium anisopliae sensu lato	7896	Metarhizium anisopliae sensu lato
7758	Beauveria bassiana	7828	Metarhizium anisopliae sensu lato	7897	Metarhizium anisopliae sensu lato
7759	Spicellum ovalispora	7829	Metarhizium anisopliae sensu lato	7898	Metarhizium anisopliae sensu lato
7760	Beauveria malawiensis	7830	Metarhizium anisopliae sensu lato	7899	Metarhizium anisopliae sensu lato
7761	Beauveria brongniartii	7831	Metarhizium anisopliae sensu lato	7900	Metarhizium anisopliae sensu lato
7762	Beauveria brongniartii	7832	Metarhizium anisopliae sensu lato	7901	Metarhizium anisopliae sensu lato
7763	Beauveria bassiana	7833	Metarhizium anisopliae sensu lato	7902	Metarhizium anisopliae sensu lato
7764	Beauveria bassiana	7834	Metarhizium anisopliae sensu lato	7903	Metarhizium anisopliae sensu lato
7765	Beauveria bassiana	7835	Metarhizium anisopliae sensu lato	7904	Metarhizium anisopliae sensu lato
7766	Beauveria bassiana	7836	Metarhizium anisopliae sensu lato	7905	Metarhizium anisopliae sensu lato
7767	Beauveria bassiana	7837	Metarhizium anisopliae sensu lato	7906	Metarhizium anisopliae sensu lato
7768	Beauveria bassiana	7838	Metarhizium anisopliae sensu lato	7907	Metarhizium anisopliae sensu lato
7769	Beauveria bassiana	7839	Metarhizium anisopliae sensu lato	7908	Metarhizium anisopliae sensu lato
7770	Beauveria bassiana	7840	Metarhizium anisopliae sensu lato	7909	Metarhizium anisopliae sensu lato
7771	Beauveria bassiana	7841	Metarhizium anisopliae sensu lato	7910	Metarhizium anisopliae sensu lato
7772	Beauveria bassiana	7842	Metarhizium anisopliae sensu lato	7911	Metarhizium anisopliae sensu lato
7773	Beauveria bassiana	7843	Metarhizium anisopliae sensu lato	7912	Metarhizium anisopliae sensu lato
7774	Beauveria bassiana	7844	Metarhizium anisopliae sensu lato	7913	Metarhizium anisopliae sensu lato
7775	Beauveria bassiana	7845	Metarhizium anisopliae sensu lato	7914	Metarhizium anisopliae sensu lato
7776	Beauveria bassiana	7846	Metarhizium anisopliae sensu lato	7915	Metarhizium anisopliae sensu lato
7777	Isaria farinosa	7847	Metarhizium anisopliae sensu lato	7916	Metarhizium anisopliae sensu lato
7778	Nomuraea rileyi	7848	Cordyceps sp.	7917	Metarhizium anisopliae sensu lato
7779	Nomuraea rileyi	7849	Lecanicillium sp.	7918	Metarhizium anisopliae sensu lato
7780	Nomuraea rileyi	7850	Cordyceps spegazzinii	7919	Metarhizium anisopliae sensu lato
7781	Lecanicillium muscarium	7851	Nomuraea sp.	7920	Metarhizium anisopliae sensu lato
7782	Lecanicillium muscarium	7852	Pochonia chlamydosporia var. chlamydosporia	7921	Metarhizium anisopliae sensu lato
7783	Lecanicillium longisporum	7853	Beauveria bassiana	7922	Conidiobolus coronatus
7784	Lecanicillium longisporum	7854	Metarhizium anisopliae sensu lato	7923	Lecanicillium longisporum
7785	Lecanicillium muscarium	7855	Metarhizium anisopliae sensu lato	7924	Sporothrix insectorum
7786	Conidiobolus sp.	7856	Metarhizium anisopliae sensu lato	7925	Metarhizium anisopliae sensu lato
7787	Leptolegnia chapmanii	7857	Metarhizium anisopliae sensu lato	7926	Metarhizium anisopliae sensu lato
7788	Zoophthora radicans	7858	Metarhizium anisopliae sensu lato	7927	Metarhizium anisopliae sensu lato
7789	Zoophthora radicans	7859	Metarhizium anisopliae sensu lato	7928	Metarhizium anisopliae sensu lato
7790	Isaria tenuipes			7929	Metarhizium pingshaense

7930	Metarhizium anisopliae sensu lato	8000	Schizangiella serpentis	8070	Metarhizium anisopliae sensu lato
7931	Metarhizium anisopliae sensu lato	8001	Paecilomyces sp.	8071	Metarhizium anisopliae sensu lato
7932	Metarhizium anisopliae sensu lato	8002	Paecilomyces sp.	8072	Metarhizium anisopliae sensu lato
7933	Metarhizium anisopliae sensu lato	8003	Paecilomyces sp.	8073	Metarhizium anisopliae sensu lato
7934	Metarhizium anisopliae sensu lato	8004	Paecilomyces sp.	8074	Metarhizium anisopliae sensu lato
7935	Metarhizium anisopliae sensu lato	8005	Paecilomyces sp.	8075	Metarhizium anisopliae sensu lato
7936	Metarhizium anisopliae sensu lato	8006	Paecilomyces sp.	8076	Beauveria bassiana
7937	Pandora neoaphidis	8007	Paecilomyces sp.	8077	Beauveria bassiana
7938	Pandora neoaphidis	8008	Paecilomyces sp.	8078	Beauveria bassiana
7939	Pandora neoaphidis	8009	Elaphocordyceps capitata	8079	Beauveria bassiana
7940	Beauveria bassiana	8010	Ophiocordyceps heteropoda	8080	Metarhizium anisopliae sensu lato
7941	Beauveria bassiana	8011	Cordyceps militaris	8081	Metarhizium anisopliae sensu lato
7942	Conidiobolus sp.	8012	Cordyceps militaris	8082	Metarhizium anisopliae sensu lato
7943	Unidentified / Zygomycetes	8013	Elaphocordyceps ophioglossoides	8083	Metarhizium anisopliae sensu lato
7944	Conidiobolus iuxtagenitus	8014	Metarhizium anisopliae sensu lato	8084	Metarhizium anisopliae sensu lato
7945	Ascospaera larvis	8015	Metarhizium anisopliae sensu lato	8085	Metarhizium anisopliae sensu lato
7946	Ascospaera larvis	8016	Isaria farinosa	8086	Metarhizium anisopliae sensu lato
7947	Beauveria bassiana	8017	Isaria farinosa	8087	Metarhizium anisopliae sensu lato
7948	Beauveria bassiana	8018	Isaria farinosa	8088	Metarhizium anisopliae sensu lato
7949	Beauveria bassiana	8019	Isaria farinosa	8089	Metarhizium anisopliae sensu lato
7950	Beauveria bassiana	8020	Isaria farinosa	8090	Metarhizium anisopliae sensu lato
7951	Beauveria bassiana	8021	Isaria farinosa	8091	Metarhizium anisopliae sensu lato
7952	Beauveria bassiana	8022	Isaria farinosa	8092	Metarhizium anisopliae sensu lato
7953	Beauveria bassiana	8023	Conidiobolus coronatus	8093	Metarhizium anisopliae sensu lato
7954	Beauveria bassiana	8024	Beauveria caledonica	8094	Metarhizium anisopliae sensu lato
7955	Beauveria bassiana	8025	Beauveria bassiana	8095	Metarhizium anisopliae sensu lato
7956	Beauveria bassiana	8026	Beauveria bassiana	8096	Metarhizium anisopliae sensu lato
7957	Beauveria bassiana	8027	Beauveria bassiana	8097	Metarhizium anisopliae sensu lato
7958	Beauveria bassiana	8028	Beauveria bassiana	8098	Metarhizium anisopliae sensu lato
7959	Beauveria bassiana	8029	Beauveria bassiana	8099	Metarhizium anisopliae sensu lato
7960	Beauveria sp.	8030	Beauveria bassiana	8100	Metarhizium anisopliae sensu lato
7961	Isaria farinosa	8031	Beauveria bassiana	8101	Metarhizium anisopliae sensu lato
7962	Isaria farinosa	8032	Beauveria bassiana	8102	Metarhizium anisopliae sensu lato
7963	Beauveria bassiana	8033	Beauveria bassiana	8103	Metarhizium anisopliae sensu lato
7964	Beauveria bassiana	8034	Beauveria brongniartii	8104	Metarhizium anisopliae sensu lato
7965	Beauveria bassiana	8035	Beauveria bassiana	8105	Metarhizium anisopliae sensu lato
7966	Beauveria bassiana	8036	Beauveria bassiana	8106	Metarhizium anisopliae sensu lato
7967	Metarhizium anisopliae sensu lato	8037	Beauveria bassiana	8107	Metarhizium anisopliae sensu lato
7968	Beauveria bassiana	8038	Beauveria bassiana	8108	Metarhizium anisopliae sensu lato
7969	Beauveria bassiana	8039	Beauveria bassiana	8109	Metarhizium anisopliae sensu lato
7970	Metarhizium anisopliae var. acridum	8040	Beauveria bassiana	8110	Beauveria sp.
7971	Beauveria bassiana	8041	Lecanicillium muscarium	8111	Beauveria sp.
7972	Beauveria bassiana	8042	Lecanicillium longisporum	8112	Beauveria sp.
7973	Isaria cicadae(?)	8043	Cylindrocarpon sp.	8113	Beauveria sp.
7974	Penicillium sp.	8044	Cylindrocarpon sp.	8114	Lecanicillium muscarium
7975	Aspergillus niger(?)	8045	Beauveria pseudobassiana	8115	Lecanicillium lecanii
7976	Penicillium sp.	8046	Beauveria pseudobassiana	8116	Beauveria sp.
7977	Beauveria bassiana	8047	Schizangiella serpentis	8117	Beauveria sp.
7978	Beauveria bassiana	8048	Lecanicillium muscarium	8118	Lecanicillium muscarium
7979	Metarhizium anisopliae sensu stricto	8049	Lecanicillium muscarium	8119	Beauveria sp.
7980	Metarhizium anisopliae sensu stricto	8050	Lecanicillium muscarium	8120	Beauveria sp.
7981	Metarhizium anisopliae sensu stricto	8051	Lecanicillium muscarium	8121	Beauveria sp.
7982	Beauveria sp.	8052	Lecanicillium muscarium	8122	Beauveria sp.
7983	Beauveria bassiana	8053	Lecanicillium muscarium	8123	Beauveria sp.
7984	Beauveria bassiana	8054	Lecanicillium muscarium	8124	Beauveria sp.
7985	Lecanicillium aphanocladii(?)	8055	Lecanicillium pissodis	8125	Beauveria sp.
7986	Lecanicillium aphanocladii(?)	8056	Lecanicillium pissodis	8126	Beauveria sp.
7987	Lecanicillium aphanocladii(?)	8057	Lecanicillium pissodis	8127	Beauveria sp.
7988	Simplicillium lanosoniveum(?)	8058	Evlachovaea kintrischica	8128	Beauveria sp.
7989	Simplicillium lamellicola(?)	8059	Metarhizium anisopliae sensu lato	8129	Beauveria sp.
7990	Evlachovaea sp.	8060	Metarhizium anisopliae sensu lato	8130	Beauveria sp.
7991	Evlachovaea sp.	8061	Metarhizium anisopliae sensu lato	8131	Fusarium sp.
7992	Evlachovaea sp.	8062	Metarhizium anisopliae sensu lato	8132	Beauveria sp.
7993	Evlachovaea sp.	8063	Metarhizium anisopliae sensu lato	8133	Beauveria sp.
7994	Lecanicillium muscarium	8064	Metarhizium anisopliae sensu lato	8134	Beauveria sp.
7995	Paecilomyces sp.	8065	Beauveria bassiana	8135	Beauveria sp.
7996	Paecilomyces sp.	8066	Beauveria bassiana	8136	Beauveria sp.
7997	Paecilomyces sp.	8067	Metarhizium anisopliae sensu lato	8137	Beauveria sp.
7998	Paecilomyces sp.	8068	Metarhizium anisopliae sensu lato	8138	Beauveria sp.
7999	Paecilomyces sp.	8069	Metarhizium anisopliae sensu lato	8139	Beauveria sp.

8140	Beauveria sp.	8210	Beauveria bassiana	8280	Aspergillus sp.
8141	Beauveria sp.	8211	Beauveria bassiana	8281	Fusarium sp.
8142	Isaria fumosorosea	8212	Metarhizium anisopliae sensu lato	8282	Fusarium sp.
8143	Beauveria sp.	8213	Beauveria bassiana	8283	Fusarium sp.
8144	Beauveria sp.	8214	Metarhizium flavoviride var. novazealandicum	8284	Aspergillus sp.
8145	Beauveria sp.	8215	Metarhizium anisopliae sensu lato	8285	Fusarium sp.
8146	Beauveria sp.	8216	Metarhizium anisopliae sensu lato	8286	Fusarium sp.
8147	Beauveria sp.	8217	Metarhizium anisopliae sensu lato	8287	Fusarium sp.
8148	Beauveria sp.	8218	Metarhizium anisopliae sensu lato	8288	Fusarium sp.
8149	Beauveria sp.	8219	Metarhizium anisopliae sensu lato	8289	Aspergillus flavus
8150	Beauveria sp.	8220	Metarhizium anisopliae sensu lato	8290	Fusarium sp.
8151	Beauveria sp.	8221	Metarhizium anisopliae sensu lato	8291	Fusarium lateritium
8152	Beauveria sp.	8222	Metarhizium anisopliae sensu lato	8292	Aspergillus sp.
8153	Beauveria sp.	8223	Metarhizium anisopliae sensu lato	8293	Lecanicillium lecanii(?)
8154	Beauveria sp.	8224	Metarhizium anisopliae sensu lato	8294	Lecanicillium lecanii(?)
8155	Unidentified / Hyphomycetes	8225	Metarhizium anisopliae sensu lato	8295	Lecanicillium lecanii
8156	Beauveria sp.	8226	Metarhizium anisopliae sensu lato	8296	Lecanicillium muscarium
8157	Lecanicillium muscarium	8227	Metarhizium anisopliae sensu lato	8297	Lecanicillium longisporum
8158	Beauveria sp.	8228	Metarhizium anisopliae sensu lato	8298	Fusarium sp.
8159	Beauveria sp.	8229	Metarhizium anisopliae sensu lato	8299	Fusarium sp.
8160	Beauveria sp.	8230	Metarhizium anisopliae sensu lato	8300	Fusarium sp.
8161	Beauveria sp.	8231	Metarhizium anisopliae sensu lato	8301	Fusarium sp.
8162	Lecanicillium muscarium(?)	8232	Metarhizium anisopliae sensu lato	8302	Fusarium sp.
8163	Lecanicillium muscarium	8233	Metarhizium anisopliae sensu lato	8303	Fusarium sp.
8164	Beauveria sp.	8234	Metarhizium anisopliae sensu lato	8304	Fusarium sp.
8165	Lecanicillium muscarium	8235	Metarhizium anisopliae sensu lato	8305	Fusarium sp.
8166	Beauveria sp.	8236	Metarhizium anisopliae sensu lato	8306	Fusarium sp.
8167	Beauveria sp.	8237	Beauveria bassiana	8307	Basidiobolus haptosporus
8168	Beauveria sp.	8238	Beauveria bassiana	8308	Basidiobolus ranarum
8169	Beauveria sp.	8239	Beauveria bassiana	8309	Basidiobolus haptosporus
8170	Beauveria sp.	8240	Beauveria bassiana	8310	Isaria catenianulata
8171	Beauveria sp.	8241	Beauveria bassiana	8311	Purpureocillium lilacinum
8172	Beauveria sp.	8242	Beauveria bassiana	8312	Purpureocillium lilacinum
8173	Beauveria sp.	8243	Beauveria bassiana	8313	Conidiobolus sp.
8174	Beauveria sp.	8244	Beauveria bassiana	8314	Conidiobolus sp.
8175	Beauveria sp.	8245	Beauveria bassiana	8315	Hirsutella citriformis
8176	Beauveria sp.	8246	Beauveria bassiana	8316	Paecilomyces sp.
8177	Beauveria sp.	8247	Beauveria bassiana	8317	Beauveria bassiana
8178	Beauveria sp.	8248	Metarhizium anisopliae sensu lato	8318	Beauveria bassiana
8179	Unidentified / Hyphomycetes	8249	Metarhizium anisopliae sensu lato	8319	Metarhizium anisopliae sensu lato
8180	Beauveria sp.	8250	Beauveria sp.	8320	Conidiobolus adiaeetus
8181	Beauveria sp.	8251	Isaria farinosa	8321	Metarhizium robertsii
8182	Beauveria sp.	8252	Isaria farinosa	8322	Metarhizium robertsii
8183	Unidentified / Hyphomycetes	8253	Beauveria bassiana	8323	Metarhizium anisopliae sensu lato
8184	Unidentified / Hyphomycetes	8254	Beauveria pseudobassiana	8324	Metarhizium anisopliae sensu lato
8185	Beauveria sp.	8255	Beauveria bassiana	8325	Metarhizium anisopliae sensu lato
8186	Beauveria sp.	8256	Beauveria pseudobassiana	8326	Metarhizium anisopliae sensu lato
8187	Beauveria sp.	8257	Beauveria varroae	8327	Metarhizium anisopliae sensu lato
8188	Beauveria sp.	8258	Beauveria pseudobassiana	8328	Basidiobolus ranarum
8189	Beauveria bassiana	8259	Beauveria varroae	8329	Basidiobolus meristosporus
8190	Beauveria bassiana	8260	Beauveria bassiana	8330	Basidiobolus magnus
8191	Beauveria bassiana	8261	Beauveria bassiana	8331	Basidiobolus haptosporus var. minor
8192	Beauveria bassiana	8262	Beauveria bassiana	8332	Basidiobolus heterosporus
8193	Beauveria bassiana	8263	Beauveria bassiana	8333	Isaria fumosorosea
8194	Beauveria bassiana	8265	Lecanicillium muscarium(?)	8334	Metarhizium anisopliae sensu lato
8195	Beauveria bassiana	8266	Fusarium sp.	8335	Metarhizium anisopliae sensu lato
8196	Metarhizium anisopliae sensu lato	8267	Fusarium sp.	8336	Metarhizium anisopliae sensu lato
8197	Metarhizium anisopliae sensu lato	8268	Purpureocillium lilacinum	8337	Isaria fumosorosea
8198	Metarhizium anisopliae sensu lato	8269	Purpureocillium lilacinum	8338	Metarhizium anisopliae sensu lato
8199	Metarhizium anisopliae sensu lato	8270	Metarhizium anisopliae sensu lato	8339	Beauveria bassiana
8200	Aschersonia sp.	8271	Beauveria bassiana	8340	Beauveria bassiana
8201	Beauveria bassiana	8272	Beauveria bassiana	8341	Metarhizium anisopliae sensu lato
8202	Beauveria bassiana	8273	Beauveria bassiana	8342	Metarhizium anisopliae sensu lato
8203	Beauveria bassiana	8274	Beauveria bassiana	8343	Beauveria bassiana
8204	Beauveria bassiana	8275	Beauveria bassiana	8344	Metarhizium anisopliae sensu lato
8205	Beauveria bassiana	8276	Beauveria bassiana	8345	Isaria fumosorosea
8206	Beauveria bassiana	8277	Fusarium sp.	8346	Metarhizium anisopliae sensu lato
8207	Beauveria bassiana	8278	Fusarium sp.	8347	Metarhizium anisopliae sensu lato
8208	Beauveria bassiana	8279	Fusarium sp.	8348	Isaria fumosorosea
8209	Beauveria bassiana			8349	Beauveria bassiana

8350	Metarhizium anisopliae sensu lato	8420	Metarhizium pingshaense	8491	Evlachovaea sp.
8351	Metarhizium anisopliae sensu lato	8421	Scopulariopsis sp.	8492	Metarhizium anisopliae sensu lato
8352	Metarhizium anisopliae sensu lato	8422	Scopulariopsis sp.	8493	Beauveria bassiana
8353	Metarhizium anisopliae sensu lato	8423	Scopulariopsis sp.	8494	Beauveria bassiana
8354	Beauveria bassiana	8424	Harposporium microsporum	8495	Metarhizium anisopliae sensu lato
8355	Beauveria bassiana	8425	Harposporium liliiputanum	8496	Metarhizium anisopliae sensu lato
8356	Beauveria bassiana	8426	Harposporium oxycoracum	8497	Metarhizium anisopliae sensu lato
8357	Metarhizium anisopliae sensu lato	8427	Conidiobolus adiaeretus	8498	Metarhizium anisopliae sensu lato
8358	Metarhizium anisopliae sensu lato	8428	Conidiobolus megalotocus	8499	Metarhizium anisopliae sensu lato
8359	Metarhizium anisopliae var. acridum	8429	Conidiobolus sp.	8500	Metarhizium anisopliae sensu lato
8360	Metarhizium anisopliae var. acridum	8430	Conidiobolus stromoideus	8501	Metarhizium anisopliae sensu lato
8361	Hypocrella panamensis	8431	Beauveria bassiana	8502	Metarhizium anisopliae sensu lato
8362	Metarhizium anisopliae sensu lato	8432	Metarhizium anisopliae sensu lato	8503	Metarhizium anisopliae sensu lato
8363	Metarhizium anisopliae sensu lato	8433	Metarhizium anisopliae sensu lato	8504	Metarhizium anisopliae sensu lato
8364	Metarhizium anisopliae sensu lato	8434	Metarhizium anisopliae sensu lato	8505	Metarhizium anisopliae sensu lato
8365	Metarhizium anisopliae sensu lato	8435	Metarhizium anisopliae sensu lato	8506	Metarhizium anisopliae sensu lato
8366	Metarhizium anisopliae sensu lato	8436	Metarhizium anisopliae sensu lato	8507	Metarhizium anisopliae sensu lato
8367	Metarhizium anisopliae sensu lato	8437	Metarhizium anisopliae sensu lato	8508	Metarhizium anisopliae sensu lato
8368	Beauveria bassiana	8438	Metarhizium anisopliae sensu lato	8509	Metarhizium anisopliae sensu lato
8369	Beauveria bassiana	8439	Evlachovaea sp.	8510	Metarhizium anisopliae sensu lato
8370	Beauveria bassiana	8440	Metarhizium anisopliae sensu lato	8511	Metarhizium anisopliae sensu lato
8371	Beauveria bassiana	8441	Evlachovaea sp.	8512	Metarhizium anisopliae sensu lato
8372	Beauveria bassiana	8442	Evlachovaea sp.	8513	Metarhizium anisopliae sensu lato
8373	Beauveria bassiana	8443	Metarhizium anisopliae sensu lato	8514	Metarhizium anisopliae sensu lato
8374	Beauveria bassiana	8444	Beauveria bassiana	8515	Metarhizium anisopliae sensu lato
8375	Metarhizium anisopliae sensu lato	8445	Metarhizium anisopliae sensu lato	8516	Metarhizium anisopliae sensu lato
8376	Metarhizium anisopliae sensu lato	8446	Metarhizium anisopliae sensu lato	8517	Metarhizium anisopliae sensu lato
8377	Metarhizium anisopliae sensu lato	8447	Metarhizium anisopliae sensu lato	8518	Metarhizium anisopliae sensu lato
8378	Hirsutella sp.	8448	Isaria fumosorosea	8519	Aspergillus sp.
8379	Aspergillus sydowii	8449	Evlachovaea sp.	8520	Beauveria bassiana
8380	Aspergillus sydowii	8450	Metarhizium anisopliae sensu lato	8521	Beauveria bassiana
8381	Aspergillus sydowii	8451	Metarhizium anisopliae sensu lato	8522	Beauveria bassiana
8382	Aspergillus sydowii	8452	Metarhizium anisopliae sensu lato	8523	Beauveria bassiana
8383	Beauveria bassiana	8453	Metarhizium anisopliae sensu lato	8524	Beauveria bassiana
8384	Beauveria bassiana	8454	Metarhizium anisopliae sensu lato	8525	Beauveria bassiana
8385	Beauveria bassiana	8455	Conidiobolus coronatus	8526	Beauveria bassiana
8386	Beauveria bassiana	8456	Purpureocillium lilacinum	8527	Metarhizium anisopliae sensu lato
8387	Beauveria bassiana	8457	Aphanocladium sp.	8528	Beauveria bassiana
8388	Beauveria bassiana	8458	Aphanocladium sp.	8529	Beauveria bassiana
8389	Beauveria bassiana	8459	Beauveria bassiana	8530	Beauveria bassiana
8390	Beauveria bassiana	8460	Beauveria bassiana	8531	Metarhizium anisopliae sensu lato
8391	Beauveria bassiana	8461	Beauveria bassiana	8532	Metarhizium anisopliae sensu lato
8392	Beauveria bassiana	8462	Beauveria bassiana	8533	Metarhizium anisopliae sensu lato
8393	Beauveria bassiana	8463	Beauveria bassiana	8534	Metarhizium anisopliae sensu lato
8394	Beauveria bassiana	8464	Beauveria bassiana	8535	Metarhizium anisopliae sensu lato
8395	Beauveria bassiana	8465	Beauveria bassiana	8536	Metarhizium anisopliae sensu lato
8396	Beauveria bassiana	8466	Zoophthora radicans	8537	Metarhizium anisopliae sensu lato
8397	Beauveria bassiana	8467	Gliocladium sp.	8538	Metarhizium anisopliae sensu lato
8398	Beauveria bassiana	8468	Lecanicillium psalliotae	8539	Metarhizium anisopliae sensu lato
8399	Beauveria bassiana	8469	Evlachovaea sp.	8540	Metarhizium anisopliae sensu lato
8400	Beauveria bassiana	8470	Trichoderma sp.	8541	Metarhizium anisopliae sensu lato
8401	Beauveria bassiana	8472	Fusarium sp.	8542	Metarhizium anisopliae sensu lato
8402	Beauveria bassiana	8473	Fusarium sp.	8543	Metarhizium anisopliae sensu lato
8403	Beauveria bassiana	8474	Evlachovaea sp.	8544	Metarhizium anisopliae sensu lato
8404	Beauveria bassiana	8475	Beauveria bassiana	8545	Metarhizium anisopliae sensu lato
8405	Beauveria bassiana	8476	Lecanicillium sp.	8546	Metarhizium anisopliae sensu lato
8406	Beauveria bassiana	8477	Purpureocillium lilacinum	8547	Metarhizium anisopliae sensu lato
8407	Beauveria bassiana	8478	Pochonia chlamydosporia	8548	Metarhizium anisopliae sensu lato
8408	Beauveria bassiana	8479	Evlachovaea sp.	8549	Metarhizium anisopliae sensu lato
8409	Beauveria bassiana	8480	Unidentified / Hyphomycetes	8550	Metarhizium anisopliae sensu lato
8410	Beauveria bassiana	8481	Fusarium sp.	8551	Metarhizium anisopliae sensu lato
8411	Isaria farinosa	8482	Fusarium sp.	8552	Metarhizium anisopliae sensu lato
8412	Beauveria bassiana	8483	Purpureocillium lilacinum	8553	Metarhizium anisopliae sensu lato
8413	Beauveria bassiana	8484	Fusarium sp.	8554	Metarhizium anisopliae sensu lato
8414	Beauveria bassiana	8485	Evlachovaea sp.	8555	Metarhizium anisopliae sensu lato
8415	Metarhizium brunneum	8486	Evlachovaea sp.	8556	Metarhizium anisopliae sensu lato
8416	Metarhizium brunneum	8487	Evlachovaea sp.	8557	Metarhizium anisopliae sensu lato
8417	Metarhizium brunneum	8488	Evlachovaea sp.	8558	Metarhizium anisopliae sensu lato
8418	Metarhizium brunneum	8489	Evlachovaea sp.	8559	Metarhizium anisopliae sensu lato
8419	Metarhizium brunneum	8490	Evlachovaea sp.	8560	Metarhizium anisopliae sensu lato

8561	Metarhizium anisopliae sensu lato	8631	Metarhizium anisopliae sensu lato	8701	Metarhizium anisopliae sensu lato
8562	Metarhizium anisopliae sensu lato	8632	Metarhizium anisopliae sensu lato	8702	Metarhizium anisopliae sensu lato
8563	Metarhizium anisopliae sensu lato	8633	Aspergillus sp.	8703	Metarhizium anisopliae sensu lato
8564	Metarhizium anisopliae sensu lato	8634	Trichoderma sp.	8704	Beauveria bassiana
8565	Metarhizium anisopliae sensu lato	8635	Beauveria bassiana	8705	Beauveria bassiana
8566	Metarhizium anisopliae sensu lato	8636	Beauveria bassiana	8706	Beauveria bassiana
8567	Metarhizium anisopliae sensu lato	8637	Beauveria bassiana	8707	Beauveria bassiana
8568	Metarhizium anisopliae sensu lato	8638	Beauveria bassiana	8708	Beauveria bassiana
8569	Metarhizium anisopliae sensu lato	8639	Lecanicillium sp.	8709	Beauveria bassiana
8570	Metarhizium anisopliae sensu lato	8640	Unidentified / Hyphomycetes	8710	Beauveria bassiana
8571	Metarhizium anisopliae sensu lato	8641	Unidentified / Hyphomycetes	8711	Beauveria bassiana
8572	Metarhizium anisopliae sensu lato	8642	Lecanicillium muscarium	8712	Beauveria bassiana
8573	Metarhizium anisopliae sensu lato	8643	Fusarium sp.	8713	Beauveria bassiana
8574	Metarhizium anisopliae sensu lato	8644	Fusarium sp.	8714	Lecanicillium muscarium
8575	Metarhizium anisopliae sensu lato	8645	Fusarium sp.	8715	Conidiobolus coronatus
8576	Metarhizium anisopliae sensu lato	8646	Fusarium sp.	8716	Isaria fumosorosea
8577	Metarhizium anisopliae sensu lato	8647	Fusarium sp.	8717	Isaria fumosorosea
8578	Beauveria bassiana	8648	Fusarium sp.	8718	Isaria fumosorosea
8579	Beauveria bassiana	8649	Fusarium sp.	8719	Isaria fumosorosea
8580	Metarhizium anisopliae sensu lato	8650	Fusarium sp.	8720	Isaria fumosorosea
8581	Metarhizium anisopliae sensu lato	8651	Fusarium sp.	8721	Isaria fumosorosea
8582	Metarhizium anisopliae sensu lato	8652	Fusarium sp.	8722	Hirsutella sp.
8583	Metarhizium anisopliae sensu lato	8653	Metarhizium anisopliae sensu lato	8723	Isaria fumosorosea
8584	Metarhizium anisopliae sensu lato	8654	Metarhizium anisopliae sensu lato	8724	Isaria fumosorosea
8585	Metarhizium anisopliae sensu lato	8655	Metarhizium anisopliae sensu lato	8725	Isaria fumosorosea
8586	Metarhizium anisopliae sensu lato	8656	Metarhizium anisopliae sensu lato	8726	Isaria fumosorosea
8587	Metarhizium anisopliae sensu lato	8657	Metarhizium anisopliae sensu lato	8727	Isaria fumosorosea
8588	Metarhizium anisopliae sensu lato	8658	Metarhizium anisopliae sensu lato	8728	Isaria fumosorosea
8589	Metarhizium anisopliae sensu lato	8659	Metarhizium anisopliae sensu lato	8729	Isaria fumosorosea
8590	Metarhizium anisopliae sensu lato	8660	Metarhizium anisopliae sensu lato	8730	Isaria fumosorosea
8591	Metarhizium anisopliae sensu lato	8661	Beauveria bassiana	8731	Metarhizium anisopliae sensu lato
8592	Metarhizium anisopliae sensu lato	8662	Metarhizium anisopliae sensu lato	8732	Metarhizium anisopliae var. lepidotae
8593	Metarhizium anisopliae sensu lato	8663	Beauveria bassiana	8733	Metarhizium anisopliae sensu lato
8594	Metarhizium anisopliae sensu lato	8664	Beauveria bassiana	8734	Metarhizium anisopliae sensu lato
8595	Metarhizium anisopliae sensu lato	8665	Metarhizium anisopliae sensu lato	8735	Metarhizium anisopliae sensu lato
8596	Metarhizium anisopliae sensu lato	8666	Beauveria bassiana	8736	Metarhizium anisopliae var. majus
8597	Metarhizium anisopliae sensu lato	8667	Beauveria bassiana	8737	Metarhizium flavoviride
8598	Unidentified / Hyphomycetes	8668	Beauveria bassiana	8738	Metarhizium anisopliae sensu lato
8599	Isaria farinosa	8669	Metarhizium anisopliae sensu lato	8739	Metarhizium anisopliae sensu lato
8600	Purpureocillium lilacinum	8670	Beauveria bassiana	8740	Metarhizium anisopliae sensu lato
8601	Beauveria bassiana	8671	Metarhizium brunneum	8741	Metarhizium anisopliae sensu lato
8602	Beauveria bassiana	8672	Beauveria bassiana	8742	Metarhizium anisopliae sensu lato
8603	Metarhizium anisopliae sensu lato	8673	Beauveria bassiana	8743	Metarhizium anisopliae sensu lato
8604	Metarhizium anisopliae sensu lato	8674	Beauveria bassiana	8744	Metarhizium anisopliae sensu lato
8605	Metarhizium anisopliae sensu lato	8675	Beauveria sp.	8745	Metarhizium anisopliae sensu lato
8606	Furia ithacensis	8676	Metarhiziospisis microspora	8746	Metarhizium anisopliae sensu lato
8607	Pandora neoaphidis	8677	Hirsutella citriformis	8747	Metarhizium anisopliae sensu lato
8608	Metarhizium anisopliae sensu lato	8678	Hirsutella citriformis	8748	Metarhizium anisopliae sensu lato
8609	Metarhizium anisopliae sensu lato	8679	Hirsutella citriformis	8749	Metarhizium anisopliae sensu lato
8610	Metarhizium anisopliae sensu lato	8680	Metarhizium anisopliae sensu lato	8750	Metarhizium flavoviride var. novazealandicum
8611	Metarhizium anisopliae sensu lato	8681	Metarhizium anisopliae sensu lato	8751	Beauveria bassiana
8612	Metarhizium anisopliae sensu lato	8682	Metarhizium anisopliae sensu lato	8752	Beauveria bassiana
8613	Metarhizium anisopliae sensu lato	8683	Metarhizium anisopliae sensu lato	8753	Beauveria bassiana
8614	Metarhizium anisopliae sensu lato	8684	Metarhizium anisopliae sensu lato	8754	Metarhizium anisopliae sensu lato
8615	Metarhizium anisopliae sensu lato	8685	Metarhizium anisopliae sensu lato	8755	Metarhizium anisopliae sensu lato
8616	Metarhizium anisopliae sensu lato	8686	Metarhizium anisopliae sensu lato	8756	Beauveria bassiana
8617	Metarhizium anisopliae sensu lato	8687	Metarhizium anisopliae sensu lato	8757	Beauveria bassiana
8618	Metarhizium anisopliae sensu lato	8688	Metarhizium anisopliae sensu lato	8758	Metarhizium flavoviride
8619	Metarhizium anisopliae sensu lato	8689	Metarhizium anisopliae sensu lato	8759	Metarhizium anisopliae sensu lato
8620	Metarhizium anisopliae sensu lato	8690	Metarhizium anisopliae sensu lato	8760	Metarhizium anisopliae sensu lato
8621	Metarhizium anisopliae sensu lato	8691	Metarhizium anisopliae sensu lato	8761	Metarhizium anisopliae sensu lato
8622	Metarhizium anisopliae sensu lato	8692	Metarhizium anisopliae sensu lato	8762	Metarhizium anisopliae sensu lato
8623	Metarhizium anisopliae sensu lato	8693	Metarhizium anisopliae sensu lato	8763	Beauveria bassiana
8624	Metarhizium anisopliae sensu lato	8694	Beauveria bassiana	8764	Metarhizium anisopliae sensu lato
8625	Metarhizium anisopliae sensu lato	8695	Beauveria bassiana	8765	Metarhizium anisopliae sensu lato
8626	Metarhizium anisopliae sensu lato	8696	Metarhizium anisopliae sensu lato	8766	Metarhizium anisopliae sensu lato
8627	Metarhizium anisopliae sensu lato	8697	Beauveria bassiana	8767	Metarhizium anisopliae sensu lato
8628	Metarhizium anisopliae sensu lato	8698	Metarhizium anisopliae sensu lato	8768	Metarhizium anisopliae sensu lato
8629	Metarhizium anisopliae sensu lato	8699	Metarhizium sp.		
8630	Metarhizium anisopliae sensu lato	8700	Metarhizium anisopliae sensu lato		

8769	Metarhizium anisopliae sensu lato	8839	Metarhizium anisopliae sensu lato
8770	Isaria farinosa	8840	Isaria fumosorosea
8771	Beauveria bassiana	8841	Metarhizium anisopliae sensu lato
8772	Beauveria bassiana	8842	Metarhizium anisopliae sensu lato
8773	Beauveria bassiana	8843	Beauveria bassiana
8774	Beauveria bassiana	8844	Metarhizium anisopliae sensu lato
8775	Metarhizium anisopliae sensu lato	8845	Metarhizium anisopliae sensu lato
8776	Metarhizium anisopliae sensu lato	8846	Beauveria bassiana
8777	Metarhizium anisopliae sensu lato	8847	Metarhizium anisopliae sensu lato
8778	Metarhizium anisopliae sensu lato	8848	Metarhizium anisopliae sensu lato
8779	Metarhizium anisopliae sensu lato	8849	Metarhizium anisopliae sensu lato
8780	Metarhizium anisopliae sensu lato	8850	Metarhizium anisopliae sensu lato
8781	Metarhizium anisopliae sensu lato	8851	Metarhizium sp.
8782	Metarhizium anisopliae sensu lato	8852	Metarhizium sp.
8783	Metarhizium anisopliae sensu lato	8853	Beauveria bassiana
8784	Metarhizium anisopliae sensu lato	8854	Beauveria bassiana
8785	Metarhizium anisopliae sensu lato	8855	Metarhizium sp.
8786	Metarhizium anisopliae sensu lato	8856	Metarhizium sp.
8787	Metarhizium anisopliae sensu lato	8857	Metarhizium sp.
8788	Metarhizium anisopliae sensu lato	8858	Metarhizium anisopliae sensu lato
8789	Metarhizium anisopliae sensu lato	8859	Metarhizium anisopliae sensu lato
8790	Metarhizium anisopliae sensu lato	8860	Metarhizium anisopliae sensu lato
8791	Metarhizium anisopliae sensu lato	8861	Metarhizium anisopliae sensu lato
8792	Metarhizium anisopliae sensu lato	8862	Metarhizium anisopliae sensu lato
8793	Metarhizium anisopliae sensu lato	8863	Metarhizium anisopliae sensu lato
8794	Metarhizium anisopliae sensu lato	8864	Metarhizium anisopliae sensu lato
8795	Metarhizium anisopliae sensu lato	8865	Metarhizium anisopliae sensu lato
8796	Metarhizium anisopliae sensu lato	8866	Metarhizium anisopliae sensu lato
8797	Metarhizium anisopliae sensu lato	8867	Metarhizium anisopliae sensu lato
8798	Metarhizium anisopliae sensu lato	8868	Metarhizium anisopliae sensu lato
8799	Metarhizium anisopliae sensu lato	8869	Metarhizium anisopliae sensu lato
8800	Moelleriella zhongdongii	8870	Metarhizium anisopliae sensu lato
8801	Beauveria bassiana(?)	8871	Metarhizium anisopliae sensu lato
8802	Beauveria bassiana(?)	8872	Metarhizium anisopliae sensu lato
8803	Beauveria bassiana(?)	8873	Metarhizium anisopliae sensu lato
8804	Beauveria bassiana(?)	8874	Metarhizium anisopliae sensu lato
8805	Beauveria bassiana(?)	8875	Metarhizium anisopliae sensu lato
8806	Isaria farinosa(?)	8876	Metarhizium anisopliae sensu lato
8807	Beauveria bassiana(?)	8877	Metarhizium anisopliae sensu lato
8808	Beauveria bassiana(?)	8878	Metarhizium anisopliae sensu lato
8809	Beauveria bassiana(?)	8879	Metarhizium anisopliae sensu lato
8810	Beauveria bassiana(?)	8880	Metarhizium anisopliae sensu lato
8811	Beauveria bassiana(?)	8881	Metarhizium anisopliae sensu lato
8812	Beauveria bassiana(?)	8882	Metarhizium anisopliae sensu lato
8813	Beauveria bassiana(?)	8883	Metarhizium anisopliae sensu lato
8814	Beauveria bassiana(?)	8884	Metarhizium anisopliae sensu lato
8815	Beauveria bassiana(?)	8885	Metarhizium anisopliae sensu lato
8816	Beauveria bassiana(?)	8886	Metarhizium anisopliae sensu lato
8817	Beauveria bassiana(?)	8887	Metarhizium anisopliae sensu lato
8818	Beauveria bassiana(?)	8888	Hirsutella lecaniicola
8819	Beauveria bassiana(?)	8889	Beauveria bassiana
8820	Metarhizium robertsii	8890	Lecanicillium psalliotae
8821	Harposporium spirosporum	8891	Isaria fumosorosea
8822	Simplicillium lanosoniveum	8893	Metarhizium anisopliae sensu lato
8823	Metarhizium anisopliae sensu lato	8894	Metarhizium anisopliae sensu lato
8824	Metarhizium anisopliae sensu lato	8895	Metarhizium anisopliae sensu lato
8825	Scopulariopsis sp.	8896	Metarhizium anisopliae sensu lato
8826	Scopulariopsis sp.	8897	Metarhizium anisopliae sensu lato
8827	Scopulariopsis sp.	8898	Metarhizium anisopliae sensu lato
8828	Metarhizium anisopliae sensu lato	8899	Metarhizium anisopliae sensu lato
8829	Metarhizium anisopliae sensu lato	8900	Metarhizium anisopliae sensu lato
8830	Metarhizium anisopliae sensu lato	8901	Metarhizium anisopliae sensu lato
8831	Metarhizium anisopliae sensu lato	8902	Metarhizium anisopliae sensu lato
8832	Metarhizium anisopliae sensu lato	8903	Metarhizium anisopliae sensu lato
8833	Metarhizium anisopliae sensu lato	8904	Metarhizium anisopliae sensu lato
8834	Metarhizium anisopliae sensu lato	8905	Metarhizium anisopliae sensu lato
8835	Beauveria bassiana	8906	Metarhizium anisopliae sensu lato
8836	Beauveria bassiana	8907	Metarhizium anisopliae sensu lato
8837	Metarhizium anisopliae sensu lato	8908	Metarhizium anisopliae sensu lato
8838	Metarhizium anisopliae sensu lato		
		8909	Metarhizium anisopliae sensu lato
		8910	Metarhizium anisopliae sensu lato
		8911	Metarhizium anisopliae sensu lato
		8912	Metarhizium anisopliae sensu lato
		8913	Metarhizium anisopliae sensu lato
		8914	Metarhizium anisopliae sensu lato
		8915	Metarhizium anisopliae sensu lato
		8916	Metarhizium anisopliae sensu lato
		8917	Isaria farinosa
		8918	Purpureocillium lilacinum
		8919	Purpureocillium lilacinum
		8920	Purpureocillium lilacinum
		8921	Purpureocillium lilacinum
		8922	Purpureocillium lilacinum
		8923	Lecanicillium muscarium
		8924	Myriangium duriae
		8925	Myriangium duriae
		8926	Furia gastropachae
		8927	Gibellula sp.
		8928	Isaria fumosorosea
		8929	Beauveria bassiana
		8930	Pandora nouryi
		8931	Pandora nouryi
		8932	Beauveria bassiana
		8933	Beauveria bassiana
		8934	Beauveria bassiana
		8935	Beauveria bassiana
		8936	Beauveria bassiana
		8937	Beauveria bassiana
		8938	Beauveria bassiana
		8939	Beauveria bassiana
		8940	Beauveria bassiana
		8941	Metarhizium anisopliae sensu lato
		8942	Metarhizium anisopliae sensu lato
		8943	Metarhizium anisopliae sensu lato
		8944	Metarhizium anisopliae sensu lato
		8945	Metarhizium anisopliae sensu lato
		8946	Metarhizium anisopliae sensu lato
		8947	Metarhizium anisopliae sensu lato
		8948	Metarhizium anisopliae sensu lato
		8949	Metarhizium anisopliae sensu lato
		8950	Metarhizium anisopliae sensu lato
		8951	Metarhizium anisopliae sensu lato
		8952	Metarhizium anisopliae sensu lato
		8953	Metarhizium anisopliae sensu lato
		8954	Metarhizium anisopliae sensu lato
		8955	Metarhizium anisopliae sensu lato
		8956	Metarhizium anisopliae sensu lato
		8957	Metarhizium anisopliae sensu lato
		8958	Beauveria bassiana
		8959	Beauveria bassiana
		8960	Beauveria bassiana
		8961	Beauveria bassiana
		8962	Beauveria bassiana
		8963	Beauveria bassiana
		8964	Beauveria bassiana
		8965	Beauveria bassiana
		8966	Beauveria bassiana
		8967	Beauveria bassiana
		8968	Beauveria bassiana
		8969	Beauveria bassiana
		8970	Beauveria bassiana
		8971	Beauveria bassiana
		8972	Beauveria bassiana
		8973	Beauveria bassiana
		8974	Beauveria bassiana
		8975	Beauveria bassiana
		8976	Beauveria bassiana
		8977	Beauveria bassiana
		8978	Beauveria bassiana

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8979	<i>Beauveria bassiana</i>	9049	<i>Smittium simulii</i>	9119	<i>Smittium</i> sp.
8980	<i>Beauveria bassiana</i>	9050	<i>Smittium</i> sp.	9120	<i>Smittium</i> sp.
8981	<i>Beauveria bassiana</i>	9051	<i>Smittium</i> sp.	9121	<i>Smittium</i> sp.
8982	<i>Beauveria bassiana</i>	9052	<i>Smittium tipulidarum</i>	9122	<i>Smittium tipulidarum</i>
8983	<i>Beauveria bassiana</i>	9053	<i>Smittium tipulidarum</i>	9123	<i>Smittium culicis</i>
8984	<i>Metarhizziopsis microspora</i>	9054	<i>Smittium tipulidarum</i>	9124	<i>Smittium culicis</i>
8985	<i>Metarhizziopsis microspora</i>	9055	<i>Smittium perforatum</i> (?)	9125	<i>Smittium culicis</i>
8986	<i>Metarhizziopsis microspora</i>	9056	<i>Smittium culisetae</i>	9126	<i>Smittium culicis</i>
8987	<i>Metarhizziopsis microspora</i>	9057	<i>Smittium culicis</i>	9127	<i>Smittium culicis</i>
8988	<i>Metarhizziopsis microspora</i>	9058	<i>Smittium culisetae</i>	9128	<i>Smittium culicis</i>
8989	<i>Metarhizziopsis anisopliae</i> sensu lato	9059	<i>Smittium culicis</i>	9129	<i>Smittium culicis</i>
8990	<i>Beauveria bassiana</i>	9060	<i>Smittium morbosum</i>	9130	<i>Smittium culicis</i>
8991	<i>Rotiferophthora angustispora</i>	9061	<i>Smittium morbosum</i>	9131	<i>Smittium culisetae</i>
8992	<i>Rotiferophthora cylindrospora</i>	9062	<i>Smittium culisetae</i>	9132	<i>Smittium culisetae</i>
8993	<i>Pseudomeria mucosa</i>	9063	<i>Smittium mucronatum</i>	9133	<i>Smittium culisetae</i>
8994	<i>Rotiferophthora brevipes</i>	9064	<i>Harpellales</i> , genus undetermined	9134	<i>Smittium simulii</i>
8995	<i>Rotiferophthora globospora</i>	9065	<i>Smittium</i> sp.	9135	<i>Smittium simulii</i>
8996	<i>Aschersonia aleyrodis</i>	9066	<i>Legeriosimilis</i> sp.	9136	<i>Smittium simulii</i>
8997	<i>Aschersonia aleyrodis</i>	9067	<i>Smittium mucronatum</i>	9137	<i>Smittium simulii</i>
8998	<i>Beauveria bassiana</i>	9068	<i>Smittium lentaquaticum</i>	9138	<i>Smittium simulii</i>
8999	<i>Hirsutella</i> sp.	9069	<i>Smittium culisetae</i>	9139	<i>Smittium simulii</i>
9000	<i>Smittium caudatum</i>	9070	<i>Smittium</i> sp.	9140	<i>Smittium culicis</i>
9001	<i>Smittium coloradense</i>	9071	<i>Smittium culisetae</i>	9141	<i>Smittium culicis</i>
9002	<i>Smittium coloradense</i>	9072	<i>Smittium</i> sp.	9142	<i>Smittium culicis</i>
9003	<i>Smittium culicis</i>	9073	<i>Smittium culicis</i>	9143	<i>Smittium culicis</i>
9004	<i>Smittium culicis</i>	9074	<i>Smittium culicis</i>	9144	<i>Smittium mucronatum</i>
9005	<i>Smittium culicis</i>	9075	<i>Smittium culisetae</i>	9145	<i>Smittium</i> sp.
9006	<i>Smittium culicis</i>	9076	<i>Smittium phytotelmatum</i>	9146	<i>Smittium</i> sp.
9007	<i>Smittium culicis</i>	9077	<i>Furculomyces boomerangus</i>	9147	<i>Smittium</i> sp.
9008	<i>Smittium culicis</i>	9078	<i>Smittium simulatum</i>	9148	<i>Smittium</i> sp.
9009	<i>Smittium culicis</i>	9079	<i>Smittium</i> sp.	9149	<i>Smittium culicis</i>
9010	<i>Smittium culicis</i>	9080	<i>Smittium orthocladii</i>	9150	<i>Metarhizium anisopliae</i> sensu lato
9011	<i>Smittium culicis</i>	9081	<i>Smittium</i> sp.	9151	<i>Metarhizium anisopliae</i> sensu lato
9012	<i>Smittium culisetae</i>	9082	<i>Smittium lentaquaticum</i>	9152	<i>Metarhizium anisopliae</i> sensu lato
9013	<i>Smittium culisetae</i>	9083	<i>Smittium fecundum</i>	9153	<i>Metarhizium anisopliae</i> sensu lato
9014	<i>Smittium culisetae</i>	9084	<i>Smittium culicis</i>	9154	<i>Metarhizium anisopliae</i> sensu lato
9015	<i>Smittium culisetae</i>	9085	<i>Smittium commune</i>	9155	<i>Metarhizium anisopliae</i> sensu lato
9016	<i>Smittium culisetae</i>	9086	<i>Smittium</i> sp.	9156	<i>Metarhizium anisopliae</i> sensu lato
9017	<i>Smittium culisetae</i>	9087	<i>Smittium</i> sp.	9157	<i>Metarhizium anisopliae</i> sensu lato
9018	<i>Smittium culisetae</i>	9088	<i>Smittium</i> sp.	9158	<i>Metarhizium anisopliae</i> sensu lato
9019	<i>Smittium simulii</i>	9089	<i>Harpellales</i> , genus undetermined	9159	<i>Metarhizium anisopliae</i> sensu lato
9020	<i>Barbatospora ambicaudata</i>	9090	<i>Smittium mucronatum</i>	9160	<i>Metarhizium anisopliae</i> sensu lato
9021	<i>Furculomyces boomerangus</i>	9091	<i>Smittium culicis</i>	9161	<i>Metarhizium anisopliae</i> sensu lato
9022	<i>Smittium fecundum</i>	9092	<i>Smittium acutum</i>	9162	<i>Metarhizium anisopliae</i> sensu lato
9023	<i>Smittium stenosporum</i>	9093	<i>Smittium culicis</i>	9163	<i>Lecanicillium</i> sp.
9024	<i>Smittium culisetae</i>	9094	<i>Smittium culisetae</i>	9164	<i>Evlachovaea</i> sp.
9025	<i>Smittium culisetae</i>	9095	<i>Smittium culisetae</i>	9165	<i>Evlachovaea</i> sp.
9026	<i>Smittium culisetae</i>	9096	<i>Smittium culisetae</i>	9166	<i>Evlachovaea</i> sp.
9027	<i>Smittium megazygosporum</i> (?)	9097	<i>Smittium culisetae</i>	9167	<i>Evlachovaea</i> sp.
9028	<i>Smittium mucronatum</i>	9098	<i>Smittium culisetae</i>	9168	<i>Evlachovaea</i> sp.
9029	<i>Smittium gravimetallum</i>	9099	<i>Smittium culisetae</i>	9169	<i>Evlachovaea</i> sp.
9030	<i>Smittium tronadorium</i>	9100	<i>Smittium culisetae</i>	9170	<i>Evlachovaea</i> sp.
9031	<i>Smittium culicis</i>	9101	<i>Smittium culisetae</i>	9171	<i>Evlachovaea</i> sp.
9032	<i>Smittium culisetae</i>	9102	<i>Smittium culisetae</i>	9172	<i>Evlachovaea</i> sp.
9033	<i>Smittium imitatum</i>	9103	<i>Smittium culisetae</i>	9173	<i>Evlachovaea</i> sp.
9034	<i>Smittium</i> sp.	9104	<i>Smittium culisetae</i>	9174	<i>Evlachovaea</i> sp.
9035	<i>Smittium</i> sp.	9105	<i>Smittium culisetae</i>	9175	<i>Lecanicillium</i> sp.
9036	<i>Smittium gravimetallum</i>	9106	<i>Smittium culisetae</i>	9176	<i>Lecanicillium</i> sp.
9037	<i>Smittium megazygosporum</i>	9107	<i>Smittium culisetae</i>	9177	<i>Lecanicillium</i> sp.
9038	<i>Smittium</i> sp.	9108	<i>Smittium culisetae</i>	9178	<i>Beauveria bassiana</i>
9039	<i>Smittium culisetae</i>	9109	<i>Smittium culisetae</i>	9179	<i>Beauveria bassiana</i>
9040	<i>Smittium culicis</i>	9110	<i>Smittium culisetae</i>	9180	<i>Hirsutella citriformis</i>
9041	<i>Smittium culicis</i>	9111	<i>Smittium culisetae</i>	9181	<i>Amoebidium appalachense</i>
9042	<i>Smittium simulatum</i>	9112	<i>Smittium culisetae</i>	9182	<i>Amoebidium parasiticum</i>
9043	<i>Smittium simulii</i>	9113	<i>Smittium culisetae</i>	9183	<i>Amoebidium parasiticum</i>
9044	<i>Smittium culicisoides</i>	9114	<i>Smittium culisetae</i>	9184	<i>Beauveria bassiana</i>
9045	<i>Smittium culicis</i>	9115	<i>Smittium culisetae</i>	9185	<i>Evlachovaea</i> sp.
9046	<i>Smittium culicis</i>	9116	<i>Smittium cylindrosporum</i>	9186	<i>Evlachovaea</i> sp.
9047	<i>Smittium culisetae</i>	9117	<i>Smittium simulatum</i>	9187	<i>Evlachovaea</i> sp.
9048	<i>Smittium culisetae</i>	9118	<i>Smittium simulii</i>	9188	<i>Evlachovaea</i> sp.

9189	Evlachovaea sp.	9263	Smittium dipterorum	9333	Metarhizium anisopliae sensu lato
9190	Evlachovaea sp.	9264	Smittium gravimetallum	9334	Unidentified sp.
9191	Evlachovaea sp.	9265	Smittium sp.	9335	Beauveria sp.
9192	Evlachovaea sp.	9266	Pandora heteropterae	9336	Beauveria sp.
9193	Beauveria bassiana	9267	Lecanicillium muscarium	9337	Beauveria sp.
9194	Beauveria bassiana	9268	Lecanicillium muscarium	9338	Beauveria sp.
9195	Beauveria bassiana	9269	Isaria farinosa	9339	Beauveria sp.
9196	Beauveria bassiana	9270	Isaria farinosa	9340	Beauveria sp.
9197	Beauveria bassiana	9271	Beauveria bassiana(?)	9341	Beauveria sp.
9198	Beauveria bassiana	9272	Beauveria sp.	9342	Beauveria sp.
9199	Beauveria bassiana	9273	Fusarium sp.	9343	Beauveria sp.
9200	Beauveria bassiana	9274	Fusarium sp.	9344	Beauveria sp.
9201	Beauveria bassiana	9275	Isaria farinosa	9345	Beauveria bassiana
9202	Beauveria bassiana	9276	Isaria farinosa	9346	Beauveria bassiana
9203	Beauveria bassiana	9277	Isaria farinosa	9347	Beauveria bassiana
9204	Beauveria bassiana	9278	Isaria farinosa	9348	Beauveria bassiana
9205	Beauveria bassiana	9279	Metarhizium anisopliae sensu lato	9349	Beauveria bassiana
9206	Beauveria bassiana	9280	Metarhizium anisopliae sensu lato	9350	Beauveria bassiana
9207	Beauveria bassiana	9281	Metarhizium anisopliae sensu lato	9351	Beauveria bassiana
9208	Beauveria bassiana	9282	Metarhizium anisopliae sensu lato	9352	Beauveria bassiana
9209	Beauveria bassiana	9283	Metarhizium anisopliae sensu lato	9353	Beauveria bassiana
9210	Beauveria bassiana	9284	Metarhizium anisopliae sensu lato	9354	Metarhizium anisopliae
9211	Beauveria bassiana	9285	Metarhizium anisopliae sensu lato	9355	Beauveria bassiana
9212	Beauveria bassiana	9286	Metarhizium anisopliae sensu lato	9356	Purpureocillium lilacinum
9213	Beauveria bassiana	9287	Metarhizium anisopliae sensu lato	9357	Purpureocillium lilacinum
9214	Beauveria bassiana	9288	Metarhizium anisopliae sensu lato	9358	Metarhizium flavoviride var. pemphigum
9215	Beauveria bassiana	9289	Beauveria bassiana	9359	Myrothecium verrucaria
9216	Beauveria bassiana	9290	Beauveria bassiana	9360	Eurotiomycetes, genus undetermined
9217	Metarhizium anisopliae sensu lato	9291	Beauveria bassiana	9361	Eurotiomycetes, genus undetermined
9218	Metarhizium anisopliae sensu lato	9292	Isaria farinosa	9362	Exophiala sp.
9219	Beauveria bassiana	9293	Isaria farinosa	9363	Tripospermum sp.
9220	Beauveria bassiana	9294	Isaria fumosorosea	9364	Unidentified / Hyphomycetes
9221	Beauveria bassiana	9295	Conidiobolus coronatus	9365	Rhinocladiella(?) sp.
9222	Beauveria bassiana	9296	Conidiobolus coronatus	9366	Unidentified / Hyphomycetes
9223	Beauveria bassiana	9297	Beauveria bassiana	9367	Doratomyces(?) sp.
9224	Beauveria bassiana	9298	Beauveria bassiana	9368	Acremonium(?) sp.
9225	Beauveria bassiana	9299	Beauveria bassiana	9369	Lecanicillium(?) sp.
9226	Beauveria bassiana	9300	Beauveria bassiana	9370	Beauveria bassiana
9227	Beauveria bassiana	9301	Beauveria bassiana	9371	Purpureocillium lilacinum
9228	Beauveria bassiana	9302	Beauveria bassiana	9372	Metarhizium anisopliae sensu lato
9229	Beauveria bassiana	9303	Metarhizium anisopliae sensu lato	9373	Metarhizium anisopliae sensu lato
9230	Beauveria bassiana	9304	Metarhizium anisopliae sensu lato	9374	Metarhizium anisopliae sensu lato
9231	Beauveria bassiana	9305	Metarhizium anisopliae sensu lato	9375	Aspergillus clavatus
9232	Beauveria bassiana	9306	Metarhizium anisopliae sensu lato	9376	Aspergillus flavus
9233	Beauveria bassiana	9307	Metarhizium anisopliae sensu lato	9377	Fusarium sp.
9234	Beauveria bassiana	9308	Metarhizium anisopliae sensu lato	9378	Aspergillus flavus
9235	Metarhizium anisopliae sensu lato	9309	Metarhizium anisopliae sensu lato	9379	Aspergillus clavatus
9236	Metarhizium anisopliae sensu lato	9310	Metarhizium anisopliae sensu lato	9380	Isaria fumosorosea
9237	Evlachovaea sp.	9311	Metarhizium anisopliae sensu lato	9381	Aspergillus flavus
9238	Purpureocillium lilacinum	9312	Metarhizium anisopliae sensu lato	9382	Harposporium coeleatum
9239	Purpureocillium lilacinum	9313	Metarhizium anisopliae sensu lato	9383	Pseudomeria mucosa
9240	Purpureocillium lilacinum	9314	Metarhizium anisopliae sensu lato	9384	Pseudomeria mucosa
9241	Smittium angustum	9315	Metarhizium anisopliae sensu lato	9385	Rotiferophthora angustispora
9242	Smittium annulatum	9316	Metarhizium anisopliae sensu lato	9386	Rotiferophthora angustispora
9243	Smittium commune	9317	Metarhizium anisopliae sensu lato	9387	Rotiferophthora tagenophora
9244	Smittium commune	9318	Metarhizium anisopliae sensu lato	9388	Beauveria bassiana
9245	Smittium commune	9319	Metarhizium anisopliae sensu lato	9389	Beauveria bassiana
9246	Smittium culisetae	9320	Metarhizium anisopliae sensu lato	9390	Beauveria bassiana
9247	Smittium culisetae	9321	Metarhizium anisopliae sensu lato	9391	Beauveria bassiana
9248	Smittium cylindrosporum	9322	Metarhizium anisopliae sensu lato	9392	Beauveria bassiana
9249	Smittium cylindrosporum	9323	Metarhizium anisopliae sensu lato	9393	Beauveria bassiana
9250	Smittium dipterorum	9324	Metarhizium anisopliae sensu lato	9394	Beauveria bassiana
9251	Smittium elongatum	9325	Metarhizium anisopliae sensu lato	9395	Beauveria bassiana
9253	Smittium lentaquaticum	9326	Metarhizium anisopliae sensu lato	9396	Beauveria bassiana
9255	Amoebidium appalachense	9327	Metarhizium anisopliae sensu lato	9397	Beauveria bassiana
9256	Amoebidium appalachense	9328	Metarhizium anisopliae sensu lato	9398	Beauveria bassiana
9257	Amoebidium parasiticum	9329	Metarhizium anisopliae sensu lato	9399	Beauveria bassiana
9258	Capniomyces stellatus	9330	Metarhizium anisopliae sensu lato	9400	Beauveria bassiana
9259	Furculomyces boomerangus	9331	Metarhizium anisopliae sensu lato		
9261	Smittium caudatum	9332	Metarhizium anisopliae sensu lato		

9402	Beauveria bassiana	9472	Lecanicillium muscarium	9542	Rotiferophthora sp.
9403	Beauveria bassiana	9473	Lecanicillium psalliotae	9543	Rotiferophthora sp.
9404	Beauveria bassiana	9474	Lecanicillium psalliotae	9544	Rotiferophthora sp.
9405	Beauveria bassiana	9475	Engyodontium(?) sp.	9545	Rotiferophthora sp.
9406	Beauveria bassiana	9476	Engyodontium(?) sp.	9546	Rotiferophthora sp.
9407	Beauveria bassiana	9477	Lecanicillium muscarium	9547	Rotiferophthora cylindrospora
9408	Beauveria bassiana	9478	Lecanicillium sp.	9548	Rotiferophthora cylindrospora
9409	Beauveria bassiana	9479	Simplicillium lamellicola	9549	Rotiferophthora denticulospora
9410	Beauveria bassiana	9480	Simplicillium lamellicola	9550	Beauveria bassiana
9411	Beauveria bassiana	9481	Simplicillium lamellicola	9551	Beauveria bassiana
9412	Beauveria bassiana	9482	Lecanicillium fungicola	9552	Beauveria bassiana
9413	Beauveria bassiana	9483	Lecanicillium fungicola	9553	Beauveria bassiana
9414	Beauveria bassiana	9484	Cordyceps militaris	9554	Beauveria bassiana
9415	Beauveria bassiana	9485	Elaphocordyceps ophioglossoides	9555	Beauveria bassiana
9416	Beauveria bassiana	9486	Cordyceps sp.	9556	Beauveria bassiana
9417	Beauveria bassiana	9487	Metarhizium anisopliae	9557	Beauveria bassiana
9418	Beauveria bassiana	9488	Metarhizium anisopliae	9558	Beauveria bassiana
9419	Beauveria bassiana	9489	Nomuraea rileyi	9559	Beauveria bassiana
9420	Beauveria bassiana	9490	Nomuraea rileyi	9560	Beauveria bassiana
9421	Beauveria bassiana	9491	Clonostachys rosea	9561	Beauveria bassiana
9422	Beauveria bassiana	9492	Clonostachys rosea	9562	Beauveria bassiana
9423	Beauveria bassiana	9493	Clonostachys rosea	9563	Beauveria bassiana
9424	Beauveria bassiana	9494	Pochonia chlamydosporia	9564	Beauveria bassiana
9425	Beauveria bassiana	9495	Pochonia suchlasporia	9565	Beauveria bassiana
9426	Beauveria bassiana	9496	Polycephalomyces sp.	9566	Beauveria bassiana
9427	Beauveria bassiana	9497	Polycephalomyces sp.	9567	Isaria farinosa(?)
9428	Beauveria bassiana	9498	Rotiferophthora angustispora	9568	Isaria farinosa(?)
9429	Beauveria bassiana	9499	Clonostachys candelabrum	9569	Isaria farinosa(?)
9430	Beauveria bassiana	9500	Sporothrix ghanensis	9570	Isaria farinosa(?)
9431	Beauveria bassiana	9501	Sporothrix insectorum	9571	Isaria farinosa(?)
9432	Beauveria bassiana	9502	Sporothrix insectorum	9572	Isaria farinosa(?)
9433	Beauveria bassiana	9503	Tolypocladium cylindrosporum	9573	Isaria farinosa(?)
9434	Beauveria bassiana	9504	Tolypocladium geodes	9574	Isaria farinosa
9435	Beauveria bassiana	9505	Tolypocladium geodes	9575	Isaria farinosa
9436	Beauveria bassiana	9506	Tolypocladium inflatum	9576	Isaria farinosa
9437	Beauveria bassiana	9507	Tolypocladium inflatum	9577	Isaria farinosa
9438	Beauveria bassiana	9508	Isaria sp.	9578	Isaria farinosa
9439	Metarhizium anisopliae sensu lato	9509	Isaria coleopterorum	9579	Isaria farinosa
9440	Lecanicillium aphanocladii	9510	Isaria farinosa	9580	Isaria farinosa
9441	Beauveria bassiana	9511	Isaria farinosa	9581	Isaria farinosa(?)
9442	Beauveria bassiana	9512	Isaria farinosa	9582	Isaria fumosorosea
9443	Beauveria bassiana	9513	Isaria farinosa	9583	Isaria fumosorosea
9444	Beauveria bassiana	9514	Isaria farinosa	9584	Isaria fumosorosea
9445	Beauveria bassiana	9515	Isaria farinosa	9585	Isaria fumosorosea
9446	Beauveria bassiana	9516	Isaria farinosa	9586	Isaria fumosorosea
9447	Beauveria bassiana	9517	Isaria sp.	9587	Beauveria bassiana
9448	Beauveria bassiana	9518	Isaria sp.	9588	Beauveria bassiana
9449	Beauveria bassiana	9519	Isaria sp.	9589	Beauveria bassiana
9450	Beauveria bassiana	9520	Isaria fumosorosea	9590	Metarhizium anisopliae sensu lato
9451	Beauveria bassiana	9521	Isaria fumosorosea	9591	Metarhizium anisopliae sensu lato
9452	Beauveria brongniartii	9522	Purpureocillium lilacinum	9592	Metarhizium acridum
9453	Beauveria brongniartii	9523	Purpureocillium lilacinum	9593	Metarhizium anisopliae sensu lato
9454	Engyodontium album	9524	Purpureocillium lilacinum	9594	Nomuraea atypicola
9455	Mariannaea elegans	9525	Purpureocillium lilacinum	9595	Beauveria bassiana
9456	Mariannaea elegans	9526	Purpureocillium lilacinum	9596	Beauveria sp.
9457	Hirsutella thompsonii	9527	Paecilomyces marquandii	9598	Beauveria bassiana
9458	Lecanicillium sp.	9528	Purpureocillium lilacinum	9599	Beauveria brongniartii
9459	Lecanicillium sp.	9529	Paecilomyces marquandii	9600	Beauveria bassiana
9460	Lecanicillium nr. aranearum	9530	Paecilomyces marquandii	9601	Isaria catenulata
9461	Lecanicillium aphanocladii	9531	Isaria tenuipes	9602	Isaria fumosorosea
9462	Lecanicillium muscarium(?)	9532	Isaria tenuipes	9603	Hirsutella liboensis
9463	Lecanicillium muscarium(?)	9533	Isaria tenuipes	9604	Purpureocillium lilacinum
9464	Lecanicillium muscarium(?)	9534	Isaria tenuipes	9605	Hirsutella sp.
9465	Lecanicillium sp.	9535	Aschersonia aleyrodis	9606	Hirsutella sp.
9466	Lecanicillium sp.	9536	Conidiobolus obscurus	9607	Metarhizium robertsii
9467	Lecanicillium muscarium	9537	Erynia sp.	9608	Metarhizium brunneum
9468	Lecanicillium muscarium	9538	Unidentified / Hyphomycetes	9609	Lecanicillium sp.
9469	Lecanicillium muscarium	9539	Unidentified / Hyphomycetes	9610	Purpureocillium lilacinum
9470	Lecanicillium muscarium	9540	Unidentified / Hyphomycetes	9611	Lecanicillium aphanocladii
9471	Lecanicillium muscarium	9541	Metarhizium anisopliae sensu lato	9612	Metarhizium anisopliae sensu lato

9613	Metarhizium anisopliae sensu lato	9683	Metarhizium sp.
9614	Cladosporium cladosporioides	9684	Metarhizium sp.
9615	Lecanicillium aphanocladii	9685	Metarhizium sp.
9616	Cladosporium cladosporioides	9686	Metarhizium sp.
9617	Metarhizium sp.	9687	Metarhizium sp.
9618	Metarhizium sp.	9688	Metarhizium sp.
9619	Metarhizium sp.	9689	Metarhizium sp.
9620	Metarhizium sp.	9690	Metarhizium sp.
9621	Metarhizium sp.	9691	Metarhizium sp.
9622	Metarhizium sp.	9692	Metarhizium sp.
9623	Metarhizium sp.	9693	Metarhizium sp.
9624	Metarhizium sp.	9694	Metarhizium sp.
9625	Metarhizium sp.	9695	Metarhizium sp.
9626	Metarhizium sp.	9696	Metarhizium sp.
9627	Metarhizium sp.	9697	Metarhizium sp.
9628	Metarhizium sp.	9698	Metarhizium sp.
9629	Metarhizium sp.	9699	Metarhizium sp.
9630	Metarhizium sp.	9700	Metarhizium sp.
9631	Metarhizium sp.	9701	Metarhizium sp.
9632	Metarhizium sp.	9702	Metarhizium sp.
9633	Metarhizium sp.	9703	Metarhizium sp.
9634	Metarhizium sp.	9704	Metarhizium sp.
9635	Metarhizium sp.	9705	Metarhizium sp.
9636	Metarhizium sp.	9706	Metarhizium sp.
9637	Metarhizium sp.	9707	Metarhizium sp.
9638	Metarhizium sp.	9708	Metarhizium sp.
9639	Metarhizium sp.	9709	Metarhizium sp.
9640	Metarhizium sp.	9710	Metarhizium sp.
9641	Metarhizium sp.	9711	Metarhizium sp.
9642	Metarhizium sp.	9712	Metarhizium sp.
9643	Metarhizium sp.	9713	Metarhizium sp.
9644	Metarhizium sp.	9714	Metarhizium sp.
9645	Metarhizium sp.	9715	Metarhizium sp.
9646	Metarhizium sp.	9716	Metarhizium sp.
9647	Metarhizium sp.	9717	Metarhizium sp.
9648	Metarhizium sp.	9718	Metarhizium sp.
9649	Metarhizium sp.	9719	Metarhizium sp.
9650	Metarhizium sp.	9720	Metarhizium sp.
9651	Metarhizium sp.	9721	Metarhizium sp.
9652	Metarhizium sp.	9722	Metarhizium sp.
9653	Metarhizium sp.	9723	Metarhizium sp.
9654	Metarhizium sp.	9724	Metarhizium sp.
9655	Metarhizium sp.	9725	Metarhizium sp.
9656	Metarhizium sp.	9726	Metarhizium sp.
9657	Metarhizium sp.	9727	Metarhizium sp.
9658	Metarhizium sp.	9728	Metarhizium sp.
9659	Metarhizium sp.	9729	Metarhizium sp.
9660	Metarhizium sp.	9730	Metarhizium sp.
9661	Metarhizium sp.	9731	Metarhizium sp.
9662	Metarhizium sp.	9732	Metarhizium sp.
9663	Metarhizium sp.	9733	Metarhizium sp.
9664	Metarhizium sp.	9734	Metarhizium sp.
9665	Metarhizium sp.	9735	Metarhizium sp.
9666	Metarhizium sp.	9736	Metarhizium sp.
9667	Metarhizium sp.	9737	Metarhizium sp.
9668	Metarhizium sp.	9738	Metarhizium sp.
9669	Metarhizium sp.	9739	Metarhizium sp.
9670	Metarhizium sp.	9740	Metarhizium sp.
9671	Metarhizium sp.	9741	Metarhizium sp.
9672	Metarhizium sp.	9742	Metarhizium sp.
9673	Metarhizium sp.	9743	Metarhizium sp.
9674	Metarhizium sp.	9744	Metarhizium sp.
9675	Metarhizium sp.	9745	Metarhizium sp.
9676	Metarhizium sp.	9746	Metarhizium sp.
9677	Metarhizium sp.	9747	Metarhizium sp.
9678	Metarhizium sp.	9748	Metarhizium sp.
9679	Metarhizium sp.	9749	Metarhizium sp.
9680	Metarhizium sp.	9750	Metarhizium sp.
9681	Metarhizium sp.	9751	Metarhizium sp.
9682	Metarhizium sp.	9752	Metarhizium sp.
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		9759	Metarhizium sp.
		9760	Metarhizium sp.
		9761	Metarhizium sp.
		9762	Metarhizium sp.
		9763	Metarhizium sp.
		9764	Metarhizium sp.
		9765	Metarhizium sp.
		9766	Metarhizium sp.
		9767	Metarhizium sp.
		9768	Metarhizium sp.
		9769	Metarhizium sp.
		9770	Metarhizium sp.
		9771	Metarhizium sp.
		9772	Metarhizium sp.
		9773	Metarhizium sp.
		9774	Metarhizium sp.
		9775	Metarhizium sp.
		9776	Metarhizium sp.
		9777	Metarhizium sp.
		9778	Metarhizium sp.
		9779	Metarhizium sp.
		9780	Metarhizium sp.
		9781	Metarhizium sp.
		9782	Metarhizium sp.
		9783	Metarhizium sp.
		9784	Metarhizium sp.
		9785	Metarhizium sp.
		9786	Metarhizium sp.
		9787	Metarhizium sp.
		9788	Metarhizium sp.
		9789	Metarhizium sp.
		9790	Metarhizium sp.
		9791	Metarhizium sp.
		9792	Metarhizium sp.
		9793	Metarhizium sp.
		9794	Metarhizium sp.
		9795	Metarhizium sp.
		9796	Metarhizium sp.
		9797	Metarhizium sp.
		9798	Metarhizium sp.
		9799	Metarhizium sp.
		9800	Metarhizium sp.
		9801	Metarhizium sp.
		9802	Metarhizium sp.
		9803	Metarhizium sp.
		9804	Metarhizium sp.
		9805	Metarhizium sp.
		9806	Metarhizium sp.
		9807	Metarhizium sp.
		9808	Metarhizium sp.
		9809	Metarhizium sp.
		9810	Metarhizium sp.
		9811	Metarhizium sp.
		9812	Metarhizium sp.
		9813	Metarhizium sp.
		9814	Metarhizium sp.
		9815	Metarhizium sp.
		9816	Metarhizium sp.
		9817	Metarhizium sp.
		9818	Metarhizium sp.
		9819	Metarhizium sp.
		9820	Metarhizium sp.
		9821	Metarhizium sp.
		9822	Metarhizium sp.

9823	Metarhizium sp.	9893	Basidiobolus sp.	9963	Metarhizium sp.
9824	Metarhizium sp.	9894	Basidiobolus sp.	9964	Metarhizium sp.
9825	Metarhizium sp.	9895	Basidiobolus sp.	9965	Metarhizium sp.
9826	Metarhizium sp.	9896	Basidiobolus sp.	9966	Metarhizium sp.
9827	Metarhizium sp.	9897	Basidiobolus sp.	9967	Metarhizium sp.
9828	Metarhizium sp.	9898	Basidiobolus sp.	9968	Metarhizium sp.
9829	Metarhizium sp.	9899	Basidiobolus sp.	9969	Metarhizium sp.
9830	Metarhizium sp.	9900	Basidiobolus sp.	9970	Metarhizium sp.
9831	Metarhizium sp.	9901	Basidiobolus sp.	9971	Metarhizium sp.
9832	Metarhizium sp.	9902	Basidiobolus sp.	9972	Metarhizium sp.
9833	Metarhizium sp.	9903	Basidiobolus sp.	9973	Metarhizium sp.
9834	Metarhizium sp.	9904	Basidiobolus sp.	9974	Metarhizium sp.
9835	Metarhizium sp.	9905	Basidiobolus sp.	9975	Metarhizium sp.
9836	Metarhizium sp.	9906	Basidiobolus sp.	9976	Metarhizium sp.
9837	Metarhizium sp.	9907	Basidiobolus sp.	9977	Metarhizium sp.
9838	Metarhizium sp.	9908	Basidiobolus sp.	9978	Metarhizium sp.
9839	Metarhizium sp.	9909	Basidiobolus sp.	9979	Metarhizium sp.
9840	Metarhizium sp.	9910	Basidiobolus sp.	9980	Metarhizium sp.
9841	Metarhizium sp.	9911	Basidiobolus sp.	9981	Metarhizium sp.
9842	Metarhizium sp.	9912	Basidiobolus sp.	9982	Metarhizium sp.
9843	Metarhizium sp.	9913	Conidiobolus coronatus	9983	Metarhizium sp.
9844	Metarhizium sp.	9914	Conidiobolus coronatus	9984	Metarhizium sp.
9845	Metarhizium sp.	9915	Myriangium sp.	9985	Metarhizium sp.
9846	Metarhizium sp.	9916	Myriangium sp.	9986	Metarhizium sp.
9847	Metarhizium sp.	9917	Myriangium sp.	9987	Metarhizium sp.
9848	Metarhizium sp.	9918	Myriangium sp.	9988	Metarhizium sp.
9849	Metarhizium sp.	9919	Myriangium sp.	9989	Metarhizium sp.
9850	Metarhizium sp.	9920	Phoma sp.	9990	Metarhizium sp.
9851	Metarhizium sp.	9921	Unidentified sp.	9991	Metarhizium sp.
9852	Metarhizium sp.	9922	Rhinocladiella(?) sp.	9992	Metarhizium sp.
9853	Metarhizium sp.	9923	Phoma sp.	9993	Metarhizium sp.
9854	Metarhizium sp.	9924	Lecanicillium sp.	9994	Metarhizium sp.
9855	Metarhizium sp.	9925	Lecanicillium sp.	9995	Metarhizium sp.
9856	Metarhizium sp.	9926	Lecanicillium sp.	9996	Metarhizium sp.
9857	Metarhizium sp.	9927	Beauveria bassiana	9997	Metarhizium sp.
9858	Metarhizium sp.	9928	Paecilomyces marquandii	9998	Metarhizium sp.
9859	Metarhizium sp.	9929	Paecilomyces marquandii	9999	Metarhizium sp.
9860	Metarhizium sp.	9930	Lecanicillium sp.	10000	Metarhizium robertsii
9861	Metarhizium sp.	9931	Lecanicillium sp.	10001	Metarhizium sp.
9862	Metarhizium sp.	9932	Mariannaea sp.	10002	Metarhizium sp.
9863	Metarhizium sp.	9933	Mariannaea sp.	10003	Metarhizium sp.
9864	Metarhizium sp.	9934	Mariannaea sp.	10004	Metarhizium sp.
9865	Metarhizium sp.	9935	Lecanicillium sp.	10005	Metarhizium sp.
9866	Metarhizium sp.	9936	Lecanicillium sp.	10006	Metarhizium sp.
9867	Metarhizium sp.	9937	Fusarium sp.	10007	Metarhizium sp.
9868	Metarhizium sp.	9938	Trichoderma sp.	10008	Metarhizium sp.
9869	Metarhizium sp.	9939	Metarhizium anisopliae sensu lato	10009	Metarhizium sp.
9870	Metarhizium sp.	9940	Conidiobolus coronatus	10010	Metarhizium sp.
9871	Metarhizium sp.	9941	Conidiobolus coronatus	10011	Metarhizium sp.
9872	Metarhizium sp.	9942	Conidiobolus coronatus	10012	Metarhizium sp.
9873	Metarhizium sp.	9943	Scopulariopsis brevicaulis	10013	Metarhizium sp.
9874	Metarhizium sp.	9944	Isaria farinosa	10014	Metarhizium sp.
9875	Metarhizium sp.	9945	Isaria farinosa	10015	Metarhizium sp.
9876	Metarhizium sp.	9946	Metarhizium sp.	10016	Metarhizium sp.
9877	Metarhizium sp.	9947	Metarhizium sp.	10017	Metarhizium sp.
9878	Metarhizium sp.	9948	Metarhizium sp.	10018	Metarhizium sp.
9879	Metarhizium sp.	9949	Metarhizium sp.	10019	Metarhizium sp.
9880	Metarhizium sp.	9950	Metarhizium sp.	10020	Metarhizium sp.
9881	Metarhizium sp.	9951	Metarhizium sp.	10021	Metarhizium sp.
9882	Metarhizium sp.	9952	Metarhizium sp.	10022	Metarhizium sp.
9883	Metarhizium sp.	9953	Metarhizium sp.	10023	Metarhizium sp.
9884	Metarhizium sp.	9954	Metarhizium sp.	10024	Metarhizium sp.
9885	Metarhizium sp.	9955	Metarhizium sp.	10025	Metarhizium sp.
9886	Metarhizium sp.	9956	Metarhizium sp.	10026	Metarhizium sp.
9887	Basidiobolus sp.	9957	Metarhizium sp.	10027	Metarhizium sp.
9888	Basidiobolus sp.	9958	Metarhizium sp.	10028	Metarhizium sp.
9889	Basidiobolus sp.	9959	Metarhizium sp.	10029	Metarhizium sp.
9890	Basidiobolus sp.	9960	Metarhizium sp.	10030	Metarhizium sp.
9891	Basidiobolus sp.	9961	Metarhizium sp.	10031	Metarhizium sp.
9892	Basidiobolus sp.	9962	Metarhizium sp.	10032	Metarhizium sp.

10033 Metarhizium sp.	10103 Metarhizium sp.	10173 Lecanicillium muscarium
10034 Metarhizium sp.	10104 Metarhizium sp.	10174 Lecanicillium wallacei(?)
10035 Metarhizium sp.	10105 Metarhizium sp.	10175 Lecanicillium psalliotae
10036 Metarhizium sp.	10106 Metarhizium sp.	10176 Lecanicillium psalliotae
10037 Metarhizium sp.	10107 Metarhizium sp.	10177 Lecanicillium psalliotae
10038 Metarhizium sp.	10108 Metarhizium sp.	10178 Lecanicillium muscarium
10039 Metarhizium sp.	10109 Metarhizium sp.	10179 Lecanicillium psalliotae
10040 Metarhizium sp.	10110 Metarhizium sp.	10180 Lecanicillium psalliotae
10041 Metarhizium sp.	10111 Metarhizium sp.	10181 Lecanicillium psalliotae
10042 Metarhizium sp.	10112 Metarhizium sp.	10182 Lecanicillium psalliotae
10043 Metarhizium sp.	10113 Metarhizium sp.	10183 Lecanicillium psalliotae(?)
10044 Metarhizium sp.	10114 Metarhizium sp.	10184 Lecanicillium fusisporum(?)
10045 Metarhizium sp.	10115 Metarhizium sp.	10185 Mariannaea sp.
10046 Metarhizium sp.	10116 Metarhizium sp.	10186 Beauveria bassiana
10047 Metarhizium sp.	10117 Metarhizium sp.	10187 Lecanicillium sp.
10048 Metarhizium sp.	10118 Metarhizium sp.	10188 Lecanicillium sp.
10049 Metarhizium sp.	10119 Metarhizium sp.	10189 Lecanicillium sp.
10050 Metarhizium sp.	10120 Metarhizium sp.	10190 Lecanicillium sp.
10051 Metarhizium sp.	10121 Metarhizium sp.	10191 Unidentified / Hyphomycetes
10052 Metarhizium sp.	10122 Metarhizium sp.	10192 Lecanicillium sp.
10053 Metarhizium sp.	10123 Metarhizium sp.	10193 Lecanicillium sp.
10054 Metarhizium sp.	10124 Metarhizium sp.	10194 Mariannaea sp.
10055 Metarhizium sp.	10125 Metarhizium sp.	10195 Lecanicillium sp.
10056 Metarhizium sp.	10126 Metarhizium sp.	10196 Lecanicillium sp.
10057 Metarhizium sp.	10127 Purpureocillium lilacinum	10197 Lecanicillium sp.
10058 Metarhizium sp.	10128 Purpureocillium lilacinum	10198 Lecanicillium sp.
10059 Metarhizium sp.	10129 Purpureocillium lilacinum	10199 Lecanicillium sp.
10060 Metarhizium sp.	10130 Purpureocillium lilacinum	10200 Lecanicillium sp.
10061 Metarhizium sp.	10131 Metarhizium anisopliae sensu lato	10201 Lecanicillium sp.
10062 Metarhizium sp.	10132 Tilachlidium sp.	10202 Lecanicillium sp.
10063 Metarhizium sp.	10133 Hirsutella homalodiscae(?)	10203 Lecanicillium sp.
10064 Metarhizium sp.	10134 Hirsutella homalodiscae(?)	10204 Mariannaea sp.
10065 Metarhizium sp.	10135 Metarhizium anisopliae sensu lato	10205 Mariannaea sp.
10066 Metarhizium sp.	10136 Metarhizium anisopliae sensu lato	10206 Lecanicillium sp.
10067 Metarhizium sp.	10137 Metarhizium anisopliae sensu lato	10207 Lecanicillium sp.
10068 Metarhizium sp.	10138 Beauveria bassiana	10208 Lecanicillium sp.
10069 Metarhizium sp.	10139 Beauveria bassiana	10209 Lecanicillium sp.
10070 Metarhizium sp.	10140 Beauveria bassiana	10210 Lecanicillium sp.
10071 Metarhizium sp.	10141 Beauveria bassiana	10211 Lecanicillium sp.
10072 Metarhizium sp.	10142 Beauveria bassiana	10212 Lecanicillium sp.
10073 Metarhizium sp.	10143 Beauveria bassiana	10213 Lecanicillium sp.
10074 Metarhizium sp.	10144 Beauveria bassiana	10214 Lecanicillium sp.
10075 Metarhizium sp.	10145 Beauveria bassiana	10215 Lecanicillium sp.
10076 Metarhizium sp.	10146 Tolypocladium cylindrosporum	10216 Lecanicillium sp.
10077 Metarhizium sp.	10147 Beauveria bassiana	10217 Lecanicillium sp.
10078 Metarhizium sp.	10148 Beauveria bassiana	10218 Lecanicillium sp.
10079 Metarhizium sp.	10149 Beauveria bassiana	10219 Colletotrichum fioriniae
10080 Metarhizium sp.	10150 Mariannaea sp.	10220 Colletotrichum fioriniae
10081 Metarhizium sp.	10151 Mariannaea sp.	10221 Colletotrichum fioriniae
10082 Metarhizium sp.	10152 Mariannaea sp.	10222 Colletotrichum fioriniae
10083 Metarhizium sp.	10153 Mariannaea sp.	10223 Colletotrichum fioriniae
10084 Metarhizium sp.	10154 Lecanicillium sp.	10224 Isaria fumosorosea
10085 Metarhizium sp.	10155 Isaria farinosa	10225 Purpureocillium lilacinum
10086 Metarhizium sp.	10156 Isaria farinosa	10226 Fusarium oxysporum
10087 Metarhizium sp.	10157 Isaria farinosa	10227 Fusarium niveum(?)
10088 Metarhizium sp.	10158 Isaria farinosa	10228 Hirsutella homalodiscae
10089 Metarhizium sp.	10159 Isaria farinosa	10229 Hirsutella homalodiscae
10090 Metarhizium sp.	10160 Isaria farinosa	10230 Sporothrix sp.
10091 Metarhizium sp.	10161 Isaria farinosa	10231 Isaria sp.
10092 Metarhizium sp.	10162 Isaria sp.	10232 Isaria sp.
10093 Metarhizium sp.	10163 Isaria coleopterorum	10233 Isaria sp.
10094 Metarhizium sp.	10164 Lecanicillium sp.	10234 Isaria sp.
10095 Metarhizium sp.	10165 Isaria farinosa	10235 Isaria sp.
10096 Metarhizium sp.	10166 Acremonium bactrocephalum	10236 Isaria sp.
10097 Metarhizium sp.	10167 Acremonium bactrocephalum	10237 Isaria sp.
10098 Metarhizium sp.	10168 Acremonium bactrocephalum	10238 Isaria sp.
10099 Metarhizium sp.	10169 Acremonium bactrocephalum	10239 Isaria sp.
10100 Metarhizium sp.	10170 Lecanicillium psalliotae	10240 Isaria sp.
10101 Metarhizium sp.	10171 Unidentified / Hyphomycetes	10241 Isaria sp.
10102 Metarhizium sp.	10172 Lecanicillium wallacei(?)	10242 Isaria sp.

10243	Isaria sp.	10314	Metarhizium sp.	10384	Isaria sp.
10244	Isaria sp.	10315	Metarhizium sp.	10385	Isaria sp.
10245	Isaria sp.	10316	Metarhizium sp.	10386	Unidentified / Hyphomycetes
10246	Isaria sp.	10317	Metarhizium sp.	10387	Unidentified / Hyphomycetes
10247	Isaria sp.	10318	Metarhizium sp.	10388	Fusarium sp.
10248	Isaria sp.	10319	Metarhizium sp.	10389	Fusarium sp.
10249	Isaria sp.	10320	Metarhizium sp.	10390	Fusarium sp.
10250	Isaria sp.	10321	Metarhizium sp.	10391	Fusarium sp.
10251	Isaria sp.	10322	Metarhizium sp.	10392	Unidentified / Hyphomycetes
10252	Isaria sp.	10323	Metarhizium sp.	10393	Beauveria bassiana
10253	Isaria sp.	10324	Metarhizium sp.	10394	Beauveria bassiana
10254	Isaria sp.	10325	Metarhizium sp.	10395	Beauveria bassiana
10255	Isaria sp.	10326	Metarhizium sp.	10396	Beauveria bassiana
10256	Isaria sp.	10327	Metarhizium sp.	10397	Beauveria bassiana
10257	Isaria sp.	10328	Metarhizium sp.	10398	Beauveria bassiana
10258	Isaria fumosorosea	10329	Metarhizium sp.	10399	Beauveria bassiana
10259	Isaria sp.	10330	Metarhizium sp.	10400	Beauveria bassiana
10260	Triacutus subcuticularis	10331	Metarhizium sp.	10401	Beauveria bassiana
10261	Pochonia sp.	10332	Metarhizium sp.	10402	Beauveria bassiana
10262	Pseudomeria mucosa	10333	Metarhizium sp.	10403	Beauveria bassiana
10263	Rotiferophthora sp.	10334	Metarhizium sp.	10404	Beauveria bassiana
10264	Rotiferophthora sp.	10335	Metarhizium sp.	10405	Beauveria bassiana
10265	Rotiferophthora sp.	10336	Metarhizium sp.	10406	Beauveria bassiana
10266	Rotiferophthora sp.	10337	Metarhizium sp.	10407	Beauveria bassiana
10267	Rotiferophthora barronii	10338	Metarhizium sp.	10408	Beauveria bassiana
10269	Rotiferophthora guttulaspora	10339	Metarhizium sp.	10409	Beauveria bassiana
10270	Rotiferophthora intermedia	10340	Metarhizium sp.	10410	Beauveria bassiana
10271	Harposporium spirosporum	10341	Metarhizium sp.	10411	Beauveria bassiana
10272	Pseudomeria mucosa	10342	Metarhizium sp.	10412	Beauveria bassiana
10273	Rotiferophthora cylindrospora	10343	Metarhizium sp.	10413	Beauveria bassiana
10274	Rotiferophthora ovispora	10344	Metarhizium sp.	10414	Beauveria bassiana
10275	Harposporium botuliniforme	10345	Metarhizium sp.	10415	Beauveria bassiana
10276	Aschersonia sp.	10346	Metarhizium sp.	10416	Beauveria bassiana
10277	Beauveria brongniartii	10347	Beauveria bassiana	10417	Beauveria bassiana
10278	Beauveria brongniartii	10348	Beauveria bassiana	10418	Beauveria bassiana
10279	Beauveria brongniartii	10349	Beauveria bassiana	10419	Beauveria bassiana
10280	Beauveria brongniartii	10350	Beauveria bassiana	10420	Beauveria bassiana
10281	Unidentified / Hyphomycetes	10351	Beauveria bassiana	10421	Beauveria bassiana
10282	Unidentified / Hyphomycetes	10352	Beauveria bassiana	10422	Beauveria bassiana
10283	Unidentified / Hyphomycetes	10353	Beauveria bassiana	10423	Beauveria bassiana
10284	Unidentified / Hyphomycetes	10354	Beauveria bassiana	10424	Beauveria bassiana
10285	Unidentified / Hyphomycetes	10355	Beauveria bassiana	10425	Beauveria bassiana
10286	Unidentified / Hyphomycetes	10356	Beauveria bassiana	10426	Beauveria bassiana
10287	Lecanicillium sp.	10357	Beauveria bassiana	10427	Beauveria bassiana
10288	Lecanicillium sp.	10358	Beauveria bassiana	10428	Beauveria bassiana
10289	Lecanicillium sp.	10359	Beauveria bassiana	10429	Beauveria bassiana
10290	Lecanicillium sp.	10360	Beauveria bassiana	10430	Beauveria bassiana
10291	Lecanicillium sp.	10361	Beauveria bassiana	10431	Beauveria bassiana
10292	Unidentified / Hyphomycetes	10362	Beauveria bassiana	10432	Beauveria bassiana
10293	Unidentified / Hyphomycetes	10363	Isaria sp.	10433	Beauveria bassiana
10294	Lecanicillium sp.	10364	Isaria sp.	10434	Beauveria bassiana
10295	Lecanicillium sp.	10365	Isaria sp.	10435	Beauveria bassiana
10296	Lecanicillium sp.	10366	Isaria sp.	10436	Beauveria bassiana
10297	Lecanicillium sp.	10367	Isaria sp.	10437	Beauveria bassiana
10298	Lecanicillium sp.	10368	Isaria sp.	10438	Beauveria bassiana
10299	Lecanicillium sp.	10369	Isaria sp.	10439	Beauveria bassiana
10300	Lecanicillium sp.	10370	Isaria sp.	10440	Beauveria bassiana
10301	Lecanicillium sp.	10371	Isaria sp.	10441	Beauveria bassiana
10302	Lecanicillium sp.	10372	Isaria sp.	10442	Beauveria bassiana
10303	Lecanicillium sp.	10373	Isaria sp.	10443	Beauveria bassiana
10304	Lecanicillium sp.	10374	Isaria sp.	10444	Beauveria bassiana
10305	Lecanicillium sp.	10375	Isaria sp.	10445	Beauveria bassiana
10306	Lecanicillium sp.	10376	Isaria sp.	10446	Beauveria bassiana
10307	Unidentified / Hyphomycetes	10377	Isaria sp.	10447	Beauveria bassiana
10308	Colletotrichum sp.	10378	Isaria sp.	10448	Beauveria bassiana
10309	Scopulariopsis sp.	10379	Isaria sp.	10449	Beauveria bassiana
10310	Scopulariopsis sp.	10380	Isaria sp.	10450	Beauveria bassiana
10311	Fusarium sp.	10381	Isaria sp.	10451	Beauveria bassiana
10312	Fusarium sp.	10382	Isaria sp.	10452	Beauveria bassiana
10313	Fusarium sp.	10383	Isaria sp.	10453	Beauveria bassiana

10454	Beauveria bassiana	10524	Beauveria bassiana	10594	Beauveria pseudobassiana
10455	Beauveria bassiana	10525	Beauveria bassiana	10595	Beauveria bassiana
10456	Beauveria bassiana	10526	Beauveria bassiana	10596	Beauveria bassiana
10457	Beauveria bassiana	10527	Beauveria bassiana	10597	Beauveria bassiana
10458	Beauveria bassiana	10528	Beauveria bassiana	10598	Beauveria pseudobassiana
10459	Beauveria bassiana	10529	Beauveria bassiana	10599	Beauveria bassiana
10460	Beauveria bassiana	10530	Beauveria bassiana	10600	Beauveria bassiana
10461	Beauveria bassiana	10531	Beauveria bassiana	10601	Beauveria bassiana
10462	Beauveria bassiana	10532	Beauveria bassiana	10602	Beauveria bassiana
10463	Beauveria bassiana	10533	Beauveria bassiana	10603	Beauveria bassiana
10464	Beauveria bassiana	10534	Beauveria bassiana	10604	Beauveria bassiana
10465	Beauveria bassiana	10535	Beauveria bassiana	10605	Beauveria bassiana
10466	Beauveria bassiana	10536	Beauveria bassiana	10606	Beauveria bassiana
10467	Beauveria bassiana	10537	Beauveria bassiana	10607	Beauveria bassiana
10468	Beauveria bassiana	10538	Beauveria bassiana	10608	Beauveria pseudobassiana
10469	Metarhizium anisopliae sensu lato	10539	Beauveria bassiana	10609	Beauveria bassiana
10470	Fusarium sp.	10540	Beauveria bassiana	10610	Beauveria bassiana
10471	Beauveria bassiana	10541	Beauveria bassiana	10611	Beauveria bassiana
10472	Metarhizium anisopliae sensu stricto	10542	Beauveria bassiana	10612	Beauveria bassiana
10473	Metarhizium anisopliae sensu stricto	10543	Beauveria bassiana	10613	Beauveria bassiana
10474	Metarhizium anisopliae sensu stricto	10544	Beauveria bassiana	10614	Beauveria bassiana
10475	Metarhizium anisopliae sensu stricto	10545	Beauveria bassiana	10615	Beauveria bassiana
10476	Metarhizium anisopliae sensu stricto	10546	Beauveria bassiana	10616	Beauveria pseudobassiana
10477	Metarhizium anisopliae sensu stricto	10547	Myriodontium keratinophilum	10617	Beauveria bassiana
10478	Beauveria bassiana	10548	Beauveria bassiana	10618	Beauveria pseudobassiana
10479	Beauveria bassiana	10549	Beauveria bassiana	10619	Beauveria bassiana
10480	Beauveria pseudobassiana	10550	Beauveria bassiana	10620	Beauveria bassiana
10481	Beauveria bassiana	10551	Beauveria bassiana	10621	Beauveria bassiana
10482	Beauveria bassiana	10552	Beauveria bassiana	10622	Beauveria bassiana
10483	Beauveria bassiana	10553	Beauveria bassiana	10623	Beauveria pseudobassiana
10484	Beauveria bassiana	10554	Beauveria bassiana	10624	Beauveria bassiana
10485	Beauveria bassiana	10555	Beauveria bassiana	10625	Beauveria bassiana
10486	Beauveria bassiana	10556	Beauveria bassiana	10626	Beauveria bassiana
10487	Beauveria bassiana	10557	Beauveria bassiana	10627	Beauveria bassiana
10488	Beauveria bassiana	10558	Beauveria bassiana	10628	Beauveria pseudobassiana
10489	Beauveria bassiana	10559	Beauveria bassiana	10629	Beauveria bassiana
10490	Beauveria bassiana	10560	Beauveria bassiana	10630	Beauveria pseudobassiana
10491	Beauveria bassiana	10561	Beauveria bassiana	10631	Beauveria bassiana
10492	Beauveria pseudobassiana	10562	Beauveria bassiana	10632	Beauveria bassiana
10493	Beauveria bassiana	10563	Beauveria bassiana	10633	Beauveria bassiana
10494	Beauveria bassiana	10564	Beauveria bassiana	10634	Beauveria pseudobassiana
10495	Beauveria bassiana	10565	Beauveria bassiana	10635	Beauveria pseudobassiana
10496	Beauveria bassiana	10566	Beauveria bassiana	10636	Beauveria bassiana
10497	Beauveria bassiana	10567	Beauveria bassiana	10637	Beauveria bassiana
10498	Beauveria bassiana	10568	Beauveria bassiana	10638	Beauveria bassiana
10499	Beauveria pseudobassiana	10569	Beauveria bassiana	10639	Beauveria bassiana
10500	Beauveria bassiana	10570	Beauveria bassiana	10640	Beauveria bassiana
10501	Beauveria bassiana	10571	Beauveria bassiana	10641	Beauveria bassiana
10502	Beauveria bassiana	10572	Beauveria bassiana	10642	Beauveria bassiana
10503	Beauveria bassiana	10573	Beauveria bassiana	10643	Beauveria bassiana
10504	Beauveria bassiana	10574	Beauveria bassiana	10644	Beauveria pseudobassiana
10505	Beauveria bassiana	10575	Beauveria pseudobassiana	10645	Beauveria bassiana
10506	Beauveria bassiana	10576	Beauveria bassiana	10646	Beauveria pseudobassiana
10507	Beauveria bassiana	10577	Beauveria bassiana	10647	Beauveria bassiana
10508	Beauveria bassiana	10578	Beauveria bassiana	10648	Beauveria pseudobassiana
10509	Beauveria bassiana	10579	Beauveria bassiana	10649	Beauveria bassiana
10510	Beauveria bassiana	10580	Beauveria bassiana	10650	Beauveria amorpha
10511	Beauveria bassiana	10581	Beauveria bassiana	10651	Beauveria bassiana
10512	Beauveria bassiana	10582	Beauveria bassiana	10652	Beauveria bassiana
10513	Beauveria bassiana	10583	Beauveria bassiana	10653	Beauveria bassiana
10514	Beauveria bassiana	10584	Beauveria bassiana	10654	Beauveria bassiana
10515	Beauveria bassiana	10585	Beauveria bassiana	10655	Beauveria bassiana
10516	Beauveria bassiana	10586	Beauveria bassiana	10656	Beauveria bassiana
10517	Beauveria bassiana	10587	Beauveria bassiana	10657	Beauveria bassiana
10518	Beauveria bassiana	10588	Beauveria bassiana	10658	Beauveria pseudobassiana
10519	Beauveria bassiana	10589	Beauveria bassiana	10659	Beauveria bassiana
10520	Beauveria bassiana	10590	Beauveria bassiana	10660	Beauveria bassiana
10521	Beauveria bassiana	10591	Beauveria bassiana	10661	Beauveria bassiana
10522	Beauveria bassiana	10592	Beauveria bassiana	10662	Beauveria bassiana
10523	Beauveria bassiana	10593	Beauveria bassiana	10663	Beauveria bassiana





## ARSEF Number



11504	Beauveria bassiana	11574	Beauveria bassiana	11644	Lecanicillium sp.
11505	Beauveria bassiana	11575	Beauveria bassiana	11645	Lecanicillium sp.
11506	Beauveria bassiana	11576	Beauveria bassiana	11646	Lecanicillium sp.
11507	Beauveria bassiana	11577	Beauveria bassiana	11647	Lecanicillium sp.
11508	Beauveria bassiana	11578	Beauveria bassiana	11648	Lecanicillium sp.
11509	Beauveria bassiana	11579	Beauveria bassiana	11649	Lecanicillium sp.
11510	Beauveria bassiana	11580	Beauveria bassiana	11650	Conidiobolus sp.
11511	Beauveria bassiana	11581	Beauveria bassiana	11651	Conidiobolus coronatus
11512	Beauveria bassiana	11582	Beauveria bassiana	11652	Scopulariopsis sp.
11513	Beauveria bassiana	11583	Beauveria bassiana	11653	Geotrichum sp.
11514	Beauveria bassiana	11584	Beauveria bassiana	11654	Geotrichum sp.
11515	Beauveria bassiana	11585	Beauveria bassiana	11655	Fusarium sp.
11516	Beauveria bassiana	11586	Beauveria bassiana	11656	Isaria farinosa
11517	Beauveria bassiana	11587	Beauveria bassiana	11657	Isaria fumosorosea
11518	Beauveria bassiana	11588	Beauveria bassiana	11658	Isaria fumosorosea
11519	Beauveria bassiana	11589	Beauveria bassiana	11659	Isaria fumosorosea
11520	Beauveria bassiana	11590	Beauveria bassiana	11660	Beauveria bassiana
11521	Beauveria bassiana	11591	Beauveria bassiana	11661	Metarhizium anisopliae sensu lato
11522	Beauveria bassiana	11592	Beauveria bassiana	11662	Pandora neoaphidis
11523	Beauveria bassiana	11593	Beauveria bassiana	11663	Pandora neoaphidis
11524	Beauveria bassiana	11594	Beauveria bassiana	11664	Conidiobolus thrombooides
11525	Beauveria bassiana	11595	Beauveria bassiana	11665	Hirsutella citriformis
11526	Beauveria bassiana	11596	Beauveria bassiana	11666	Unidentified / Hyphomycetes
11527	Beauveria bassiana	11597	Beauveria bassiana	11667	Acremonium sp.
11528	Beauveria bassiana	11598	Beauveria bassiana	11668	Metarhizium sp.
11529	Beauveria bassiana	11599	Beauveria bassiana	11669	Metarhizium sp.
11530	Beauveria bassiana	11600	Beauveria bassiana	11670	Fusarium sp.
11531	Beauveria bassiana	11601	Beauveria bassiana	11671	Fusarium sp.
11532	Beauveria bassiana	11602	Beauveria bassiana	11672	Fusarium sp.
11533	Beauveria bassiana	11603	Beauveria bassiana	11673	Fusarium sp.
11534	Beauveria bassiana	11604	Beauveria bassiana	11674	Fusarium sp.
11535	Beauveria bassiana	11605	Beauveria bassiana	11675	Fusarium sp.
11536	Beauveria bassiana	11606	Beauveria bassiana	11676	Mixed Culture sp.
11537	Beauveria bassiana	11607	Beauveria bassiana	11677	Fusarium sp.
11538	Beauveria bassiana	11608	Beauveria bassiana	11678	Clonostachys rosea
11539	Beauveria bassiana	11609	Beauveria bassiana	11679	Fusarium sp.
11540	Beauveria bassiana	11610	Beauveria bassiana	11680	Fusarium sp.
11541	Beauveria bassiana	11611	Beauveria bassiana	11681	Penicillium sp.
11542	Beauveria bassiana	11612	Beauveria bassiana	11682	Clonostachys rosea
11543	Beauveria bassiana	11613	Beauveria bassiana	11683	Penicillium sp.
11544	Beauveria bassiana	11614	Beauveria bassiana	11684	Fusarium sp.
11545	Beauveria bassiana	11615	Beauveria bassiana	11685	Metarhizium sp.
11546	Beauveria bassiana	11616	Beauveria bassiana	11686	Metarhizium sp.
11547	Beauveria bassiana	11617	Beauveria bassiana	11687	Clonostachys rosea
11548	Beauveria bassiana	11618	Beauveria bassiana	11688	Beauveria bassiana
11549	Beauveria bassiana	11619	Beauveria bassiana	11689	Clonostachys rosea
11550	Beauveria bassiana	11620	Beauveria bassiana	11690	Clonostachys rosea
11551	Beauveria bassiana	11621	Beauveria bassiana	11691	Clonostachys rosea
11552	Beauveria bassiana	11622	Beauveria bassiana	11692	Clonostachys rosea
11553	Beauveria bassiana	11623	Beauveria bassiana	11693	Sterile mycelium
11554	Beauveria bassiana	11624	Beauveria bassiana	11694	Metarhizium anisopliae sensu lato
11555	Beauveria bassiana	11625	Beauveria bassiana	11695	Clonostachys rosea
11556	Beauveria bassiana	11626	Beauveria bassiana	11696	Lecanicillium sp.
11557	Beauveria bassiana	11627	Beauveria bassiana	11697	Fusarium sp.
11558	Beauveria bassiana	11628	Isaria sp.	11698	Myriodontium keratinophilum
11559	Beauveria bassiana	11629	Isaria sp.	11699	Clonostachys rosea
11560	Beauveria bassiana	11630	Isaria sp.	11700	Clonostachys rosea
11561	Beauveria bassiana	11631	Isaria sp.	11701	Clonostachys rosea
11562	Beauveria bassiana	11632	Isaria sp.	11702	Clonostachys rosea
11563	Beauveria bassiana	11633	Isaria sp.	11703	Cordyceps militaris
11564	Beauveria bassiana	11634	Isaria sp.	11704	Cordyceps militaris
11565	Beauveria bassiana	11635	Isaria sp.	11705	Isaria tenuipes
11566	Beauveria bassiana	11636	Isaria sp.	11706	Isaria tenuipes
11567	Beauveria bassiana	11637	Metarhizium anisopliae sensu lato	11707	Isaria tenuipes
11568	Beauveria bassiana	11638	Lecanicillium sp.	11708	Beauveria bassiana
11569	Beauveria bassiana	11639	Lecanicillium sp.	11709	Beauveria sp.
11570	Beauveria bassiana	11640	Lecanicillium sp.	11710	Isaria farinosa
11571	Beauveria bassiana	11641	Lecanicillium sp.	11711	Beauveria bassiana
11572	Beauveria bassiana	11642	Lecanicillium sp.	11712	Beauveria bassiana
11573	Beauveria bassiana	11643	Lecanicillium sp.	11713	Beauveria bassiana

11714	Beauveria sp.	11784	Unidentified sp.	11851	Metarhizopsis microspora
11715	Beauveria bassiana	11785	Lecanicillium evansii(?)	11852	Myriangium sp.
11716	Beauveria bassiana	11786	Pochonia chlamydosporia var. chlamydosporia	11853	Myriangium sp.
11717	Beauveria bassiana	11787	Lecanicillium fusisporum	11854	Myriangium sp.
11718	Mixed Culture sp.	11788	Evlachovaea sp.	11855	Myriangium sp.
11719	Beauveria bassiana	11789	Lecanicillium evansii(?)	11856	Myriangium sp.
11720	Beauveria bassiana	11790	Fusarium sp.	11857	Myriangium sp.
11721	Isaria farinosa	11791	Lecanicillium evansii(?)	11858	Myriangium sp.
11722	Isaria catenianulata	11792	Lecanicillium evansii(?)	11859	Zoophthora radicans
11723	Cordyceps pruinosa	11793	Lecanicillium evansii(?)	11860	Zoophthora radicans
11724	Cordyceps pruinosa	11794	Lecanicillium evansii(?)	11861	Zoophthora radicans
11725	Simplicillium lamellicola(?)	11795	Lecanicillium evansii(?)	11862	Pandora neoaphidis
11726	Isaria cicadae	11796	Lecanicillium evansii(?)	11863	Pandora neoaphidis
11727	Simplicillium lamellicola	11797	Lecanicillium evansii(?)	11864	Hirsutella myrmicarum
11728	Simplicillium lamellicola	11798	Lecanicillium sp.	11865	Fusarium sp.
11729	Simplicillium lamellicola	11799	Lecanicillium nr. aranearum	11866	Cladosporium sp.
11730	Lecanicillium muscarium	11800	Pochonia bulbillosa	11867	Conidiobolus sp.
11731	Lecanicillium muscarium	11801	Pochonia chlamydosporia var. chlamydosporia	11868	Aschersonia turbinata
11732	Simplicillium lamellicola	11802	Lecanicillium muscarium	11869	Aschersonia turbinata
11733	Lecanicillium muscarium	11803	Lecanicillium muscarium	11870	Moelleriella umbospora
11734	Lecanicillium muscarium	11804	Lecanicillium evansii(?)	11871	Moelleriella umbospora
11735	Simplicillium lamellicola	11805	Lecanicillium evansii(?)	11872	Pandora delphacis
11736	Lecanicillium muscarium	11806	Lecanicillium evansii(?)	11873	Pandora delphacis
11737	Simplicillium lamellicola	11807	Lecanicillium evansii(?)	11874	Beauveria bassiana
11738	Simplicillium lamellicola(?)	11808	Lecanicillium fusisporum	11875	Beauveria bassiana
11739	Beauveria sp.	11809	Lecanicillium evansii(?)	11876	Beauveria bassiana
11740	Simplicillium lamellicola(?)	11810	Pochonia chlamydosporia var. chlamydosporia	11877	Beauveria bassiana
11741	Beauveria lii	11811	Lecanicillium nr. aranearum	11878	Beauveria bassiana
11742	Metarhizium anisopliae sensu lato	11812	Mariannaea sp.	11879	Beauveria bassiana
11743	Beauveria sp.	11813	Mariannaea sp.	11880	Beauveria bassiana
11744	Beauveria sp.	11814	Mariannaea sp.	11881	Beauveria bassiana
11745	Beauveria sp.	11815	Lecanicillium lecanii(?)	11882	Beauveria bassiana
11746	Beauveria sp.	11816	Lecanicillium muscarium(?)	11883	Beauveria bassiana
11747	Beauveria sp.	11817	Lecanicillium lecanii	11884	Beauveria bassiana
11748	Lecanicillium sp.	11818	Lecanicillium muscarium	11885	Beauveria bassiana
11749	Purpureocillium lilacinum	11819	Hirsutella thompsonii	11886	Beauveria bassiana
11750	Purpureocillium lilacinum	11820	Hirsutella rhossiliensis	11887	Beauveria bassiana
11751	Purpureocillium lilacinum	11821	Paecilomyces carneus	11888	Beauveria bassiana
11752	Unidentified / Hyphomycetes	11822	Isaria farinosa	11889	Beauveria bassiana
11753	Isaria sp.	11823	Isaria farinosa	11890	Beauveria bassiana
11754	Beauveria sp.	11824	Isaria farinosa	11891	Beauveria bassiana
11755	Hirsutella sp.	11825	Isaria farinosa	11892	Beauveria bassiana
11756	Hirsutella sp.	11826	Isaria farinosa	11893	Beauveria bassiana
11757	Hirsutella sp.	11827	Isaria farinosa	11894	Beauveria bassiana
11758	Hirsutella sp.	11828	Isaria farinosa	11895	Beauveria bassiana
11759	Hirsutella sp.	11829	Isaria farinosa	11896	Beauveria bassiana
11760	Hirsutella sp.	11830	Isaria farinosa	11897	Beauveria bassiana
11761	Hirsutella sp.	11831	Isaria farinosa	11898	Beauveria bassiana
11762	Mucor fragilis	11832	Isaria farinosa	11899	Beauveria bassiana
11763	Conidiobolus sp.	11833	Isaria farinosa	11900	Beauveria bassiana
11764	Pandora sp.	11834	Isaria farinosa	11901	Beauveria bassiana
11765	Conidiobolus sp.	11835	Isaria farinosa	11902	Beauveria bassiana
11766	Basidiobolus sp.	11836	Paecilomyces carneus	11903	Beauveria bassiana
11767	Basidiobolus sp.	11837	Myriodontium keratinophilum	11904	Beauveria bassiana
11768	Basidiobolus sp.	11838	Myriodontium keratinophilum	11905	Beauveria bassiana
11769	Basidiobolus sp.	11839	Metarhizium sp.	11906	Beauveria bassiana
11770	Basidiobolus sp.	11840	Metarhizium anisopliae sensu lato	11907	Beauveria bassiana
11771	Basidiobolus sp.	11841	Beauveria bassiana	11908	Beauveria bassiana
11772	Basidiobolus sp.	11842	Metarhiziopsis microspora	11909	Beauveria bassiana
11773	Basidiobolus sp.	11843	Metarhiziopsis microspora	11910	Beauveria bassiana
11774	Basidiobolus sp.	11844	Beauveria bassiana	11911	Beauveria bassiana
11775	Basidiobolus sp.	11845	Beauveria bassiana	11912	Beauveria bassiana
11776	Basidiobolus sp.	11846	Beauveria bassiana	11913	Beauveria bassiana
11777	Basidiobolus sp.	11847	Beauveria bassiana	11914	Beauveria bassiana
11778	Basidiobolus sp.	11848	Beauveria bassiana	11915	Beauveria bassiana
11779	Basidiobolus sp.	11849	Metarhizium sp.	11916	Beauveria bassiana
11780	Basidiobolus sp.	11850	Metarhizium anisopliae sensu lato	11917	Beauveria bassiana
11781	Basidiobolus sp.			11918	Beauveria bassiana
11782	Basidiobolus sp.			11919	Beauveria bassiana
11783	Basidiobolus sp.			11920	Beauveria bassiana

11921	Beauveria bassiana	11991	Beauveria bassiana	12061	Lecanicillium sp.
11922	Beauveria bassiana	11992	Beauveria bassiana	12062	Lecanicillium sp.
11923	Beauveria bassiana	11993	Beauveria bassiana	12063	Lecanicillium sp.
11924	Beauveria bassiana	11994	Beauveria bassiana	12064	Lecanicillium sp.
11925	Beauveria bassiana	11995	Beauveria bassiana	12065	Lecanicillium sp.
11926	Beauveria bassiana	11996	Beauveria bassiana	12066	Lecanicillium sp.
11927	Beauveria bassiana	11997	Beauveria bassiana	12067	Lecanicillium sp.
11928	Beauveria bassiana	11998	Myriodontium keratinophilum	12068	Lecanicillium sp.
11929	Beauveria bassiana	11999	Beauveria bassiana	12069	Lecanicillium sp.
11930	Beauveria bassiana	12000	Beauveria bassiana	12070	Lecanicillium sp.
11931	Beauveria bassiana	12001	Beauveria bassiana	12071	Lecanicillium sp.
11932	Beauveria bassiana	12002	Beauveria bassiana	12072	Fusarium sp.
11933	Beauveria bassiana	12003	Beauveria bassiana	12073	Fusarium sp.
11934	Beauveria bassiana	12004	Beauveria bassiana	12074	Fusarium sp.
11935	Beauveria bassiana	12005	Myriodontium keratinophilum	12075	Fusarium sp.
11936	Beauveria bassiana	12006	Beauveria bassiana	12076	Fusarium sp.
11937	Beauveria bassiana	12007	Beauveria bassiana	12077	Fusarium sp.
11938	Beauveria bassiana	12008	Beauveria bassiana	12078	Fusarium sp.
11939	Nomuraea rileyi	12009	Beauveria bassiana	12079	Fusarium sp.
11940	Nomuraea rileyi	12010	Beauveria bassiana	12080	Rhinocladiella(?) sp.
11941	Nomuraea rileyi	12011	Beauveria bassiana	12081	Rhinocladiella(?) sp.
11942	Nomuraea rileyi	12012	Beauveria bassiana	12082	Rhinocladiella(?) sp.
11943	Nomuraea rileyi	12013	Beauveria bassiana	12083	Colletotrichum sp.
11944	Nomuraea rileyi	12014	Beauveria bassiana	12084	Fusarium sp.
11945	Metarhizium anisopliae sensu lato	12015	Beauveria bassiana	12085	Unidentified / Hyphomycetes
11946	Metarhizium anisopliae sensu lato	12016	Beauveria bassiana	12086	Unidentified / Hyphomycetes
11947	Metarhizium anisopliae sensu lato	12017	Beauveria bassiana	12087	Unidentified / Hyphomycetes
11948	Fusarium sp.	12018	Beauveria bassiana	12088	Unidentified / Hyphomycetes
11949	Fusarium sp.	12019	Beauveria bassiana	12089	Lecanicillium sp.
11950	Fusarium sp.	12020	Beauveria bassiana	12090	Unidentified / Hyphomycetes
11951	Metarhizium anisopliae sensu lato	12021	Beauveria bassiana	12091	Unidentified sp.
11952	Beauveria bassiana	12022	Beauveria bassiana	12092	Beauveria bassiana
11953	Beauveria bassiana	12023	Beauveria bassiana	12093	Beauveria bassiana
11954	Beauveria bassiana	12024	Beauveria bassiana	12094	Beauveria bassiana
11955	Beauveria bassiana	12025	Beauveria bassiana	12095	Beauveria bassiana
11956	Beauveria bassiana	12026	Beauveria bassiana	12096	Beauveria bassiana
11957	Beauveria bassiana	12027	Unidentified / Hyphomycetes	12097	Beauveria bassiana
11958	Beauveria bassiana	12028	Unidentified / Hyphomycetes	12098	Beauveria bassiana
11959	Beauveria bassiana	12029	Unidentified / Hyphomycetes	12099	Beauveria bassiana
11960	Beauveria bassiana	12030	Unidentified / Hyphomycetes	12100	Beauveria bassiana
11961	Beauveria bassiana	12031	Unidentified / Hyphomycetes	12101	Beauveria bassiana
11962	Beauveria bassiana	12032	Fusarium sp.	12102	Beauveria bassiana
11963	Beauveria bassiana	12033	Fusarium sp.	12103	Beauveria bassiana
11964	Beauveria bassiana	12034	Fusarium sp.	12104	Beauveria bassiana
11965	Beauveria bassiana	12035	Fusarium sp.	12105	Beauveria bassiana
11966	Beauveria bassiana	12036	Fusarium sp.	12106	Beauveria bassiana
11967	Beauveria bassiana	12037	Fusarium sp.	12107	Beauveria bassiana
11968	Beauveria bassiana	12038	Fusarium sp.	12108	Beauveria bassiana
11969	Beauveria bassiana	12039	Fusarium sp.	12109	Beauveria bassiana
11970	Beauveria bassiana	12040	Fusarium sp.	12110	Beauveria bassiana
11971	Beauveria bassiana	12041	Unidentified / Hyphomycetes	12111	Beauveria bassiana
11972	Lecanicillium lecanii(?)	12042	Unidentified / Hyphomycetes	12112	Beauveria bassiana
11973	Beauveria bassiana	12043	Unidentified / Hyphomycetes	12113	Beauveria bassiana
11974	Beauveria bassiana	12044	Unidentified / Hyphomycetes	12114	Beauveria bassiana
11975	Beauveria bassiana	12045	Unidentified / Hyphomycetes	12115	Beauveria bassiana
11976	Beauveria bassiana	12046	Cladosporium sp.	12116	Beauveria bassiana
11977	Beauveria bassiana	12047	Unidentified / Hyphomycetes	12117	Myriodontium keratinophilum
11978	Beauveria bassiana	12048	Penicillium sp.	12118	Myriodontium keratinophilum
11979	Beauveria bassiana	12049	Penicillium sp.	12119	Beauveria bassiana
11980	Beauveria bassiana	12050	Aspergillus sp.	12120	Beauveria bassiana
11981	Beauveria bassiana	12051	Aspergillus sp.	12121	Beauveria bassiana
11982	Beauveria bassiana	12052	Lecanicillium sp.	12122	Beauveria bassiana
11983	Beauveria bassiana	12053	Lecanicillium sp.	12123	Beauveria bassiana
11984	Beauveria bassiana	12054	Lecanicillium sp.	12124	Beauveria bassiana
11985	Beauveria bassiana	12055	Lecanicillium sp.	12125	Beauveria bassiana
11986	Beauveria bassiana	12056	Lecanicillium sp.	12126	Beauveria bassiana
11987	Beauveria bassiana	12057	Lecanicillium sp.	12127	Beauveria bassiana
11988	Beauveria bassiana	12058	Lecanicillium sp.	12128	Beauveria bassiana
11989	Beauveria bassiana	12059	Lecanicillium sp.	12129	Beauveria bassiana
11990	Beauveria bassiana	12060	Lecanicillium sp.	12130	Beauveria bassiana



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12341	Beauveria sp.	12411	Beauveria bassiana sensu lato
12342	Beauveria sp.		
12343	Beauveria sp.		
12344	Beauveria sp.		
12345	Beauveria sp.		
12346	Beauveria sp.		
12347	Beauveria sp.		
12348	Beauveria sp.		
12349	Beauveria sp.		
12350	Beauveria sp.		
12351	Beauveria sp.		
12352	Beauveria sp.		
12353	Beauveria sp.		
12354	Beauveria sp.		
12355	Beauveria sp.		
12356	Beauveria bassiana sensu lato		
12357	Beauveria bassiana sensu lato		
12358	Beauveria bassiana sensu lato		
12359	Beauveria bassiana sensu lato		
12360	Beauveria bassiana sensu lato		
12361	Beauveria bassiana sensu lato		
12362	Beauveria bassiana sensu lato		
12363	Beauveria bassiana sensu lato		
12364	Beauveria bassiana sensu lato		
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12393	Beauveria bassiana sensu lato		
12394	Beauveria bassiana sensu lato		
12395	Beauveria bassiana sensu lato		
12396	Sympastospora parasitica		
12397	Beauveria bassiana sensu lato		
12398	Beauveria bassiana sensu lato		
12399	Beauveria bassiana sensu lato		
12400	Beauveria bassiana sensu lato		
12401	Beauveria bassiana sensu lato		
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12407	Beauveria bassiana sensu lato		
12408	Beauveria bassiana sensu lato		
12409	Beauveria bassiana sensu lato		
12410	Beauveria bassiana sensu lato		